



## DEPARTMENT OF ENVIRONMENTAL QUALITY

KATHLEEN BABINEAUX BLANCO

GOVERNOR

MIKE D. McDANIEL, Ph.D.

SECRETARY

Certified Mail No.

Activity No.: PER20070004

Agency Interest No. 2922

Mr. Steve Carter  
Vice President, Regulated Generation  
CLECO Power, LLC  
2030 Donahue Ferry Road  
Pineville, LA 71360

RE: **Part 70 Operating Permit Modification**, CLECO Rodemacher Power Station  
CLECO Power, LLC, Lena, Rapides Parish, Louisiana

Dear Mr. Carter:

This is to inform you that the permit modification for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the 22<sup>nd</sup> of June, 2011, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Done this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

Permit No.: 2360-00030-VI

Sincerely,

Chuck Carr Brown Ph.D.

Assistant Secretary

CCB: rjj

c: EPA Region VI

ENVIRONMENTAL SERVICES

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**AIR PERMIT BRIEFING SHEET  
AIR PERMITS DIVISION  
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Rodemacher Power Station  
Agency Interest No.: 2922  
CLECO Power, LLC  
Lena, Rapides Parish, Louisiana**

**I. Background**

Rodemacher Power Station is a fossil fuel fired steam/electric generation facility partially owned and operated by CLECO Power, LLC. The Rodemacher Power Station currently operates under Part 70 Permit No. 2360-00030-V0, issued June 22, 2006, and Acid Rain Permit No. 2360-00030-IV3, issued June 6, 2006. The Rodemacher Unit 3 is a contiguous facility, operating under Part 70 Permit No. 2927-V0, Prevention of Significant Deterioration (PSD) Permit No. PSD-LA-711, and Acid Rain Permit No. 2927-IV0, all issued February 23, 2006.

This is a modification to the Part 70 operating permit for the facility, and includes provisions for the PSD permit, PSD-LA-728 for Unit No. 2.

**II. Origin**

A permit application and Emission Inventory Questionnaire were submitted by CLECO Power, LLC on July 2, 2007 requesting a Part 70 operating permit modification. Additional information dated August 30, 2007, September 25, 2007, and November 19, 2007 was also received.

**III. Description**

The Rodemacher Power Station (RPS) is located approximately 2.5 miles west of Boyce, Rapides Parish, Louisiana. The Power Station is bound to the east by Interstate 49, to the south by Highway 121, and to the north by Highway 8. The station is surrounded by timber and pasture.

RPS operates two electric utility units. Additional emission sources at the site include a package boiler, the material handling operations for the transfer and storage of coal (i.e. unloading, conveyors, transfer houses, storage piles, etc.), and the storage of volatile organic liquids.

Units 1 and 2 each consist of a fossil-fuel-fired boiler and a steam turbine. Each unit utilizes the boiler to convert the fossil fuel into steam. The steam powers the associated turbine, which in turn provides electricity.

The fuel sources for Unit 1 include natural gas, used fuel oil, No. 2 fuel oil, and No. 6 fuel oil. The fuel source options for Unit 2 include coal in addition to natural gas and No. 6 fuel oil. Both natural gas and No. 6 fuel oil are used for startup and fuel stabilization of the Unit 2 Boiler. The emissions during unit startup and shutdown will be less than the emissions during normal

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operation due to the boiler operating at lower firing rates and the utilization of oil and/or gas in startup conditions.

Emissions are generated from Units 1 and 2 through the combustion of the fossil fuel source. Although different fuels may be utilized, each combustion source produces emissions of criteria pollutants including particulate matter less than 10 microns ( $PM_{10}$ ), sulfur dioxide ( $SO_2$ ), nitrogen oxides ( $NO_x$ ), carbon monoxide (CO), and volatile organic compounds (VOC).

Material handling sources include conveyors, a crusher house, drop points (rail car unloading, hoppers, transfer houses and storage piles), silos, storage piles, a transfer bay, transfer houses, truck loading, and materials moving on unpaved roads. Coal is delivered to RPS by rail cars, unloaded to a receiving hopper, and then conveyed through three enclosed transfer houses to the crusher house. In the crusher house, the coal is processed through crushers to allow the material to be more easily fed to the boiler of Unit 2. After the crusher house, the coal is conveyed to storage piles from where the material is fed directly to the boiler's combustion chamber and the ash is collected in silos prior to loading into trucks for transfer.

All conveyors are, at minimum, hooded. Fugitive emissions of particulate matter are generated during the conveying process. The quantity of fugitive emissions is based on the amount of material conveyed. Emissions from the facility's conveyors, including Conveyor's A, B1, C1, D, E, and F are grouped into the Coal Conveyors emission point (ID 15-96D).

In this modification, CLECO has requested that a correction be made to the  $PM_{10}$  emission rates. The previous permit incorrectly showed a value of 3,293.48 tons per year for  $PM_{10}$  emissions. The correct value should have been 3,310.92 tons per year.

CLECO is submitting an update to the Part 70 operating permit to reflect installation of low- $NO_x$  burners and over-fire air on the Unit 2 Boiler (Emission Source I.D. No. 1-74). The Unit 2 Boiler is a Phase II Acid Rain source and is required to reduce its annual  $NO_x$  emission rate from 0.50 lbs per MMBtu to 0.46 lbs per MMBtu by January 2008 in accordance with the provisions of Title IV of the Clean Air Act. The source is also subject to the Clean Air Interstate Rule (CAIR) promulgated by the U.S. Environmental Protection Agency on March 10, 2005. CLECO is proposing a project for reduction of  $NO_x$  for the Unit 2 Boiler at the Rodemacher Power Station. The project is expected to increase CO emissions. This project will incorporate the changes associated with the burner retrofit and installation of over-fire air in the Unit 2 Boiler into the currently effective permit.

The RPS carbon monoxide emissions are above Prevention of Significant Deterioration (PSD) significance levels and must undergo PSD analyses. CLECO used a "top down"

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approach to select Best Achievable Control Technology (BACT). The analyses do not include consideration of control of toxic materials. The following is a PSD netting analysis showing the changes in emissions due to the proposed modification of the Unit 2 Boiler:

Pollutant	Baseline Actual Emissions 05-06 (TPY)	Projected Actual Emissions (TPY)	Net Emissions Increase (TPY)	PSD de minimis (TPY)	Review required?
NO <sub>x</sub>	7624.50	7155.00	- 469.50	40	No
CO	530.00	3577.40	+ 3047.40	100	Yes

Estimated facility-wide emissions in tons per year are as follows:

Pollutant	Before	After	Change
PM <sub>10</sub>	3,310.92	3,310.92	-
SO <sub>2</sub>	43,360.10	43,360.10	-
NO <sub>x</sub>	18,165.10	13,398.10	- 4,767.00
CO	3,501.80	5,113.80	+ 1,612.00
VOC *	277.05	277.05	-

**\*VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAP)**

Pollutant	Emissions (in TPY)
2,4-Dinitrotoluene	<0.001
2-Chloroacetophenone	0.010
2-Methylnaphthalene	0.002
Acetaldehyde	0.932
Acetophenone	0.021
Acrolein	0.407
Benzene	1.862

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<b>*VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAP)</b>	
Pollutant	Emissions (in TPY)
Benzyl Chloride	0.982
Biphenyl	0.002
Bis(2-ethylhexyl)phthalate	0.391
Bromoform	0.055
Carbon Disulfide	0.182
Chlorobenzene	0.031
Chloroform	0.083
Cumene	0.007
Dichlorobenzene	0.050
Dimethyl Sulfate	0.067
Ethyl Benzene	0.140
Ethyl Chloride	0.059
Ethylene Dibromide	0.002
Ethylene Dichloride	0.056
Formaldehyde	10.013
Hexane	0.066
Isophorone	0.813
Methyl Bromide	0.224
Methyl Chloride	0.743
Methyl Ethyl Ketone	0.547
Methyl Hydrazine	0.238
Methyl Methacrylate	0.028
Methyl tert Butyl Ether	0.049
Naphthalene	1.902
Phenol	0.337
Polynuclear Aromatic Hydrocarbons	5.319
Propionaldehyde	0.533

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<b>*VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAP)</b>	
Pollutant	Emissions (in TPY)
Styrene	0.035
Toluene	1.881
Total PCDD/PDCDF	0.000002
Vinyl Acetate	0.011
Xylene	0.066
<b>Total</b>	<b>28.146</b>

<b>Non-VOC TAP Speciation</b>	
Pollutant	Emissions (in TPY)
1,1,1-Trichloroethane	0.072
Antimony	1.589
Arsenic	15.112
Barium	9.095
Beryllium	0.034
Cadmium	1.475
Chromium VI	0.174
Cobalt	1.823
Copper	6.961
Cyanide	3.506
Lead	1.161
Manganese	10.204
Mercury	0.380
Methylene Chloride	0.407
Nickel	32.334
Selenium	4.072

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<b>Non-VOC TAP Speciation</b>	
Tetrachloroethylene	0.060
Zinc	8.794
<b>Total</b>	<b>97.265</b>

<b>Other TAP Speciation</b>	
Pollutant	Emissions (in TPY)
Hydrogen Chloride	1730.790
Hydrogen Fluoride	212.657
Sulfuric Acid	420.465

#### **IV. Type of Review**

This permit was reviewed for compliance with 40 CFR 70, New Source Performance Standards (NSPS), the Louisiana Air Quality Regulations, and Prevention of Significant Deterioration (PSD). National Emission Standards for Hazardous Air Pollutants (NESHAP) does not apply.

This facility is a major source of toxic air pollutants (TAP) pursuant to LAC 33:III.Chapter 51 but is exempt from the requirements of Subchapter A. As per provisions of LAC 33:III.5105.B.2 and 5105.B.3.a, electric utility steam-generating units are exempt from Chapter 51 in accordance with LAC 33:III.5105.B.2. Emissions from the combustion of Group 1 fossil fuels (natural gas, liquid petroleum gas distillate fuel oil, gasoline, diesel, and refinery fuel gas) are exempt in accordance with LAC 33:III.5105.B.3.a. Emissions from the combustion of Group 2 fossil fuels (coal, residual fuel oil, and pet coke) vented from a stack that has downwash minimization stack height or a height approved by the LDEQ are exempt in accordance with LAC 33:III.5105.B.3.b.

#### **V. Credible Evidence**

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source

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would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

**VI. Public Notice**

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 200X; and in the <local paper>, <local town>, on <date>, 200X. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>. All comments will be considered prior to the final permit decision.

**VII. Effects on Ambient Air**

Emissions from the Rodemacher Power Station do not adversely impact the ambient air quality, as demonstrated through compliance with the Primary and Secondary National Ambient Air Quality Standards (NAAQS). Rapides has been identified by the LDEQ as being in attainment with all NAAQS through continued ambient air monitoring operations, which demonstrates that the continued operation of the Rodemacher Power Station since the mid-1970s has not adversely impacted the ambient air quality of the surrounding area.

Dispersion Model Used: ISCST3

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Toxic Air Pollutant Ambient Air Quality Standard or (National Ambient Air Quality Standard {NAAQS})
PM <sub>10</sub>	Annual	26.20 µg/m <sup>3</sup>	50 µg/m <sup>3</sup>
	24-hour	124.4 µg/m <sup>3</sup>	150 µg/m <sup>3</sup>
SO <sub>2</sub>	24-hour	256.0 µg/m <sup>3</sup>	365 µg/m <sup>3</sup>
	3-hour	728.9 µg/m <sup>3</sup>	1300 µg/m <sup>3</sup>
Ozone	8-hour	148.21 µg/m <sup>3</sup>	157 µg/m <sup>3</sup>
NO <sub>x</sub> *	Annual	2.74 µg/m <sup>3</sup>	100 µg/m <sup>3</sup>

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\*ISCST3 (screen)

**VIII. General Condition XVII Activities**

The boilers are cleaned with tetraammonium ethylene diamine tetraacetic acid (ETDA), corrosion inhibitor, hydrogen peroxide, sodium nitrate, antifoaming agent, and/or ammonium bromate every three to five years. The liquid waste and water flush from this process is injected into the boiler(s) at 5% of the boiler steam rate and evaporated. Evaporation emissions are described in the following table:

Activity	Pollutant (lbs/yr)					
	Chromium	Copper	Iron	Magnesium	Nickel	Zinc
Boiler cleaning	<25	<25	8,170	17	<25	<200

**IX. Insignificant Activities**

Description	Citation
Unit 1 Turbine Oil Tank (<10,000 gallons)	LAC 33:III.501.B.5.A.3
Unit 1 Lube Oil Tank (<10,000 gallons)	LAC 33:III.501.B.5.A.3
Unit 2 Turbine Oil Tank (<10,000 gallons)	LAC 33:III.501.B.5.A.3
Unit 2 Lube Oil Tank (<10,000 gallons)	LAC 33:III.501.B.5.A.3
Used Oil Storage Tank (<10,000 gallons)	LAC 33:III.501.B.5.A.3
Fire Pump Diesel Tanks (2) (<10,000 gallons)	LAC 33:III.501.B.5.A.3
Emergency Generator Diesel Tanks (2) (<10,000 gallons)	LAC 33:III.501.B.5.A.3
Diesel Oil Tank – Unit 1 (<10,000 gallons)	LAC 33:III.501.B.5.A.3
Diesel Oil Tank – Unit 2 (<10,000 gallons)	LAC 33:III.501.B.5.A.3
Warehouse No. 12 Waste Oil Tank (<10,000 gallons)	LAC 33:III.501.B.5.A.3
Coal Yard Warehouse Diesel Tank (300 gallons)	LAC 33:III.501.B.5.A.3
Seal Oil Vacuum Tank – Turbine Unit 1 (<5,000 gallons)	LAC 33:III.501.B.5.A.3

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Description	Citation
Seal Oil Vacuum Tank – Turbine Unit 2 (<5,000 gallons)	LAC 33:III.501.B.5.A.3
Bottom Ash Pond Diesel Tank (250 gallons)	LAC 33:III.501.B.5.A.3
Lube Oil Area Diesel Tank (500 gallons)	LAC 33:III.501.B.5.A.3
Sulfuric Acid Tank (5,000 gallons)	LAC 33:III.501.B.5.A.4
Kerosene Heaters (<1.0 MMBtu/hr)	LAC 33:III.501.B.5.A.5
Portable Gasoline Fuel Tank (1,000 gallons)	LAC 33:III.501.B.5.A.8
Portable Gasoline Fuel Tank (5,000 gallons)	LAC 33:III.501.B.5.A.8
Fly Ash Unloading PM <sub>10</sub> emissions (<1.6 TPY)	LAC 33:III.501.B.5.D
Oil Water Separators VOC emissions (<5 TPY)	LAC 33:III.501.B.5.D
Permanent Gasoline Tank VOC emissions (<5 TPY)	LAC 33:III.501.B.5.D
Fire Water Pumps 250 HP emissions (< 5 TPY)	LAC 33:III.501.B.5.D
Fire Water Pump 325 HP emissions (<5 TPY)	LAC 33:III.501.B.5.D
Water Treatment Fugitives	LAC 33:III.501.B.5.D
Maintenance Activities Fugitives	LAC 33:III.501.B.5.D

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																								
		5	6	7	8	9	10*	11	12	13	14*	15	2116*	2115	2107	2103	2104*	2111	2115*	2116*	21*	22	29*	51*	53	56
UNF 1	CLECO Rodemacher Power Station	1	1	1	1																					
EQT 2	1-72 Unit 1 Boiler					1	1	1																		
EQT 3	1-73 Package Boiler					1	1	1																		
EQT 4	1-74 Unit 2 Boiler					1	1	1																		
EQT 5	1-96 Tank 101								3																	
EQT 6	2-96 Tank 102								3																	
EQT 7	3-96 Tank 103								3																	
EQT 8	4-96 Tank 104								3																	
EQT 9	5-96 Tank 105								3																	
EQT 10	6-96 Tank 106								3																	
EQT 11	7-96 Coal Yard Diesel Tank									3																
EQT 12	8-96 Condensate Drip Tank									3																
EQT 13	9-96 Unit 1 Day Tank									3																
EQT 14	10-96 Unit 2 Day Tank									3																
EQT 15	11-96 Coal Dust Collection System									1																

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter													
		5▼	15	2103	2104*	2107	2111	2115	2116*	21	22	29*	51*	53	56
EQT16	12-96 Central Vacuum Cleaning System														
EQT47	14-96 Soda Ash Silo														
EQT17	13-96 Fly Ash Dust Collector														
FUG 1	15-96A Bulldozer Emissions														
FUG 2	15-96B Coal Grading Emissions														
FUG 3	15-96C Coal Pile Wind Erosion														
FUG 4	15-96D Coal Conveyors														
FUG 5	15-96E Car Dumper Emissions														
FUG 8	15-96F Coal Stock Pile Drop Point														
FUG 9	15-96G Coal Reclaim Drop Point														
FUG 6	16-96 Fly Ash Fugitives														
FUG 7	17-96 Fugitive Dust-Roads														
EQT 18	18-96 Package Boiler Tank 1														
EQT 19	19-96 Package Boiler Tank 2														

\* The regulations indicated above are State Only regulations.

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▲ All LAC 33: III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

**KEY TO MATRIX**

- 1 - The regulations have applicable requirements that apply to this particular emission source.
  - The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

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  - 2 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
  - 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

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**XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source**

ID No:	Requirement	Notes
UNF 1 Rodemacher Power Station	Chapter 22. Control of Emissions of Nitrogen Oxides (NO <sub>x</sub> ) – Affected Facilities in the Baton Rouge Nonattainment Area and the Region of Influence (LAC 33:III.2201)	DOES NOT APPLY. Facility is not located in the Baton Rouge Nonattainment area or Region of influence.
	Chapter 51. Comprehensive Toxic Air Pollution Emission Control Program Subchapter A. Prohibited Activities and Special Provisions (LAC 33:III.5105.A.2)	EXEMPT. Facility is exempt from the requirements of Subchapter A per provisions of LAC 33:III.5105.B.2 and 5105.B.3.a. Electric utility steam-generating units are exempt from Chapter 51 in accordance with LAC 33:III.5105.B.2. Emissions from the combustion of Group 1 fossil fuels (natural gas, liquid petroleum gas, distillate fuel oil, gasoline, diesel, and refinery fuel gas) are exempt in accordance with LAC 33:III.5105.B.3.a. Emissions from the combustion of Group 2 fossil fuels (coal, residual fuel oil, and pet coke) vented from a stack that has downwash minimization stack height or a height approved by the LDEQ are exempt in accordance with LAC 33:III.5105.B.3.b.
	Chapter 59. Chemical Accident Prevention and Minimization of Consequences Subchapter B. Risk Management Program Requirements – Registration for Stationary Sources (LAC 33:III.5907)	DOES NOT APPLY. The facility does not produce, process, handle or store any substance listed in 40 CFR 68.130 or Table 59.1 and Table 59.1 of Chapter 59 in an amount greater than the threshold quantity as determined in the manner described in 40 CFR 68.115.

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**XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source**

ID No:	Requirement	Notes
	NESHAP Subpart A General Provisions [40 CFR 63.1-15]	DOES NOT APPLY. All affected (NESHAP) stationary sources shall comply with applicable provisions of this Subpart. Facility is not subject to MACT standards under 40 CFR part 63 in accordance with the EPA removal of coal-fired and oil-fired electric utility steam generating units from the CAA 112(c) source category list on March 29, 2005.
UNF 1 Rodemacher PS (continued)	Compliance Assurance Monitoring (CAM) [40 CFR 64]	EXEMPT. 40 CFR 64.5 Deadlines for Submittals allows the facility to submit the Compliance Assurance Monitoring plan at the first renewal of the Part 70 Operating permit.
	Chemical Accident Prevention Provisions [40 CFR 68]	DOES NOT APPLY. The facility does not produce, process, handle or store any substance listed in 40 CFR 68.130 in an amount greater than the threshold quantity as determined in the manner described in 40 CFR 68.115.
	Protection of Atmospheric Ozone [40 CFR 82]	DOES NOT APPLY. The facility does not produce, transform, destroy, import or export a controlled substance or import or export a controlled product
1-72 Unit 1 Boiler	Subpart D – Standards of Performance Fossil-Fuel Fired Steam Generators for Which Construction is Commenced After August 17, 1971 [40 CFR 60.40]	DOES NOT APPLY – Per State Permit No. 131 issued on November 28, 1972, boiler was classified as an existing source as of August 17, 1971.
	Subpart Da – Standards of Performance for Electric Utility Steam Generating Units for Which Construction is Commenced After September 18, 1978 [40 CFR 60.40(a)(2)]	DOES NOT APPLY. No construction, modification, or reconstruction after September 18, 1978.

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**Rodemacher Power Station**  
 Agency Interest No.: 2922  
**CLECO Power, LLC**  
**Lena, Rapides Parish, Louisiana**

**XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source**

ID No:	Requirement	Notes
1-72 (continued)	Acid Rain Nitrogen Oxides Reduction Program [40 CFR 76.1-76.15]	DOES NOT APPLY. The regulation applies to a coal-fired utility unit subject to the Acid Rain emissions limitations or reduction requirement for SO <sub>2</sub> under Phase 1 or Phase 2 pursuant to sections 404, 405 or 409 of the Act. Unit is not a coal-fired utility unit.
1-73 Package Boiler	Subpart D – Standards of Performance for Fossil-Fuel-Fired Steam Generators for which construction is commenced after August 17, 1971 [40 CFR 60.40(a)(1)]	DOES NOT APPLY. Capacity is less than 250 MMBtu/hr Maximum heat input of the unit is 106 MMBtu/hr.
	Subpart Db – Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units [40 CFR 60.40b(a)]	DOES NOT APPLY. Capacity is less than 100 MMBTU/hr and no construction, modification or reconstruction after June 19, 1984.
	Acid Rain [40 CFR 72.1-72.96]	EXEMPT. The package boiler is not a "utility unit" as defined at 40 CFR 72.2 and is exempt from the Acid Rain Program per 40 CFR 72.6 (b) (8).
1-74 Unit 2 Boiler	Subpart Da – Standards of Performance for Electric Utility Steam Generating Units for Which Construction is Commenced After September 18, 1978 [40 CFR 60.40a(a)(2)]	DOES NOT APPLY. A standard does not apply within Subpart Da for CO, the pollutant increased by this modification.
1-96 Tank 101	Storage of Volatile Organic Compounds [LAC 33.III.2103.B]	DOES NOT APPLY. Maximum true vapor pressure is less than 1.5 psia.

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**Table 2.** Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
2-96 Tank 102	NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978 [40 CFR 60.110]	DOES NOT APPLY. No. 6 Fuel Oil is not a petroleum liquid per 40 CFR 60.111(b)
3-96 Tank 103	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Volatile Organic Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984 [40 CFR 60.110a]	DOES NOT APPLY. No construction, modification, or reconstruction after May 18, 1978.
4-96 Tank 104	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 [40 CFR 60.116b]	DOES NOT APPLY. No construction, modification, or reconstruction after July 23, 1984.
5-96 Tank 105	Storage of Volatile Organic Compounds [LAC 33.III.2103.A]	DOES NOT APPLY. Maximum true vapor pressure is less than 1.5 psia.
6-96 Tank 106 (continued)	NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978 [40 CFR 60.110]	DOES NOT APPLY. Tank capacity is less than 40,000 gallons
07-96 Diesel Tank		

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**XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source**

ID No:	Requirement	Notes
(continued)	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Volatile Organic Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984 [40 CFR 60.110a]	DOES NOT APPLY. Tank capacity is less than 40,000 gallons
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 [40 CFR 60.116b]	DOES NOT APPLY. No construction, modification, or reconstruction after July 23, 1984.
08-96 Condensate Drip Tank	Storage of Volatile Organic Compounds [LAC 33.III.2.I03.A]	EXEMPT. Exempt per LAC 33.III.2.I03.G.1.

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
(continued)	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 [40 CFR 60.116b]	DOES NOT APPLY Tank capacity is less than 10,000 gallons and no construction, modification, or reconstruction after July 23, 1984.
	Storage of Volatile Organic Compounds [LAC 33.III.2103.B]	DOES NOT APPLY. Maximum true vapor pressure is less than 1.5 psia
09-96 Unit 1 Day Tank	NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978 [40 CFR 60.110]	DOES NOT APPLY. No. 6 Fuel Oil is not a petroleum liquid per 40 CFR 60.111(b).
10-96 Unit 2 Day Tank	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Volatile Organic Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984 [40 CFR 60.110a]	DOES NOT APPLY. No construction, modification, or reconstruction after May 18, 1978.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 [40 CFR 60.116b]	DOES NOT APPLY. No construction, modification, or reconstruction after July 23, 1984.

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**XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source**

ID No:	Requirement	Notes
15-96A Bulldozer (Coal) Emissions 15-96B Coal Grading	NSPS Subpart Y - Standards of Performance for Coal Preparation Plants [40 CFR 60.250(b)]	DOES NOT APPLY. The equipment is not used to convey coal to or remove coal and refuse from machinery used to reduce the size of coal or to separate coal from refuse.
	Storage of Volatile Organic compounds [LAC 33:III.2103.B]	DOES NOT APPLY. Maximum true vapor pressure is less than 1.5 psia
18-96 and 19-96 Package Boiler Tanks 1 and 2	NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978 [40 CFR 60.110]	DOES NOT APPLY. No construction, modification, or reconstruction after May 18, 1978. 40 CFR 60.111(b)
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Volatile Organic Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984 [40 CFR 60.110a]	DOES NOT APPLY. No construction, modification, or reconstruction after May 18, 1978. 40 CFR 60.111(b)
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 [40 CFR 60.116b]	DOES NOT APPLY. No construction, modification, or reconstruction after July 23, 1984. 40 CFR 60.116(b)

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The above table provides explanation for both the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

## 40 CFR PART 70 GENERAL CONDITIONS

- A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than six months prior to the permit expiration date. Should a complete permit application not be submitted six months prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7(c)(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]
- B. The conditions of this permit are severable; and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [Reference 40 CFR 70.6(a)(5)]
- C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [LAC 33:III.507.B.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]
- D. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Reference 40 CFR 70.6(a)(6)(ii)]
- E. This permit does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]
- F. The permittee shall furnish to the permitting authority, within a reasonable time, any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]
- G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]
- H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:
  1. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(i)];
  2. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(ii)];
  3. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iii)]; and

## 40 CFR PART 70 GENERAL CONDITIONS

4. as authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iv)]
- I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit.  
[Reference 40 CFR 70.6(a)(3)(ii)(B)]
- J. Records of required monitoring shall include the following:
  1. the date, place as defined in the permit, and time of sampling or measurements;
  2. the date(s) analyses were performed;
  3. the company or entity that performed the analyses;
  4. the analytical techniques or methods used;
  5. the results of such analyses; and
  6. the operating conditions as existing at the time of sampling or measurement.  
[Reference 40 CFR 70.6(a)(3)(ii)(A)]
- K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permitted monitoring requirements, certified by a responsible company official. For previously reported deviations, in lieu of attaching the individual deviation reports, the semiannual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The semiannual reports shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding period encompassing July through December and September 30 for the preceding period encompassing January through June. Any quarterly deviation report required to be submitted by March 31 or September 30 in accordance with Part 70 General Condition R may be consolidated with the semi-annual reports required by this general condition as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [LAC 33:III.507.H, reference 40 CFR 70.6(a)(3)(iii)(A)]
- L. The permittee shall submit at least semiannual reports on the status of compliance pursuant to 40 CFR Section 70.5 (c) (8) and a progress report on any applicable schedule of compliance pursuant to 40 CFR Section 70.6 (c) (4). [LAC 33:III.507.H.1, reference 40 CFR 70.6(c)(4)]
- M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of attaching the individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]
- N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that: 1) an

## 40 CFR PART 70 GENERAL CONDITIONS

emergency occurred and the cause was identified; 2) the permitted facility was being operated properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]

- O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]
- P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]
- Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:
  - 1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;
  - 2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;
  - 3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;
  - 4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;
  - 5. changes in emissions would not qualify as a significant modification; and
  - 6. the request is submitted no later than 12 months after commencing operation. [LAC 33:III.523.A, reference 40 CFR 70.7(d)]
- R. Permittee shall submit prompt reports of all permit deviations as specified below to the Office of Environmental Compliance, Enforcement Division. All such reports shall be certified by a responsible official in accordance with 40 CFR 70.5(d).
  - 1. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
  - 2. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.

## 40 CFR PART 70 GENERAL CONDITIONS

3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. The quarterly deviation reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by Part 70 General Condition K as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. For previously reported permit deviations, in lieu of attaching the individual deviation reports, the quarterly report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:
    - a. Report by June 30 to cover January through March
    - b. Report by September 30 to cover April through June
    - c. Report by December 31 to cover July through September
    - d. Report by March 31 to cover October through December
  4. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided such reports are certified in accordance with 40 CFR 70.5(d) and contain all information relevant to the permit deviation. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107. [Reference 40 CFR 70.6(a)(3)(iii)(B)]
- S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.5(c)(8)(iii)]
- T: The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;
  2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;
  3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;
  4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);
  5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and
  6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]

## 40 CFR PART 70 GENERAL CONDITIONS

- U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. [Reference 40 CFR 82, Subpart B]

- V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

## **LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS**

- I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.
- II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.
- III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire dated July 2, 2007, along with supplemental information dated August 30, 2007, September 25, 2007, and November 19, 2007.
- IV. This permit shall become invalid, for the sources not constructed, if:
  - A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;
  - B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.  
This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.
- V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.
- VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.

## **LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS**

- VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.
- VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Enforcement Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.
- X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.
- XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Enforcement Division with a written report as specified below.
- A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
  - B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
  - C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:
    1. Report by June 30 to cover January through March
    2. Report by September 30 to cover April through June
    3. Report by December 31 to cover July through September
    4. Report by March 31 to cover October through December

## **LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS**

- D. Each report submitted in accordance with this condition shall contain the following information:
1. Description of noncomplying emission(s);
  2. Cause of noncompliance;
  3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
  4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
  5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.
- E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.
- XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:
- A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;
  - B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;
  - C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and
  - D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.
- XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.
- XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.

## **LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS**

- XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.
- XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services, Air Permits Division, within ninety (90) days after the event, to amend this permit.

- XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:

1. Generally be less than 5 TPY
2. Be less than the minimum emission rate (MER)
3. Be scheduled daily, weekly, monthly, etc., or
4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]

These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.

- XVIII. Provisions of this permit may be appealed in writing pursuant to La. R.S. 30:2024(A) within 30 days from receipt of the permit. Only those provisions specifically appealed will be suspended by a request for hearing, unless the secretary or the assistant secretary elects to suspend other provisions as well. Construction cannot proceed except as specifically approved by the secretary or assistant secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Services Division  
La. Dept. of Environmental Quality  
Post Office Box 4302  
Baton Rouge, Louisiana 70821-4302

- XIX. Certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

General Information

**AI ID:** 2922 CLECO Rodemacher Power Station  
**Activity Number:** PER20070004  
**Permit Number:** 2360-00030-V1  
**Air - Title V Regular Permit Major Mod**

Also Known As:	ID	Name	User Group	Start Date
	2360-00030	CLECO Rodemacher Power Station	CDS Number	10-05-1998
	2360-0010	CLECO Rodemacher Power Station	Emission Inventory	03-03-2004
	72-0244480	Federal Tax ID	Federal Tax ID	11-21-1999
LAD071941611		CLECO Rodemacher Power Station	Hazardous Waste Notification	03-15-2001
LA0008036		LPDES #	LPDES Permit #	05-22-2003
LAR10D337		LPDES #	LPDES Permit #	02-21-2006
WP1800		WPC State Permit Number	LWDPS Permit #	06-25-2003
LA-3719-L01		Radioactive Material License	Radiation License Number	12-28-2000
GD-079-0390		Site ID #	Solid Waste Facility No.	08-17-2001
130120		Rodemacher Brownfield Solid Fuel Unit #3 - Construction Project	TEMPO Merge	01-04-2006
17009		Central LA Electric Co Inc	TEMPO Merge	03-07-2001
19869		CLECO Corp Rodemacher Power Station	TEMPO Merge	03-07-2001
38869		CLECO Power LLC - Rodemacher Power Station	TEMPO Merge	03-07-2001
8516		WD Rodemacher Cleco	TEMPO Merge	05-30-2001
9120		CLECO - Rodemacher Power Station	TEMPO Merge	12-09-2001
71447CLCCR275RO		TRI #	Toxic Release Inventory	07-19-2004
40001662		UST Facility ID (from UST legacy data)	UST FID #	10-11-2002
WQC SG 050701-07		Water Quality Certification #	Water Certification	08-03-2005
			Main FAX:	3184847641 or 7400
			Main Phone:	3187931135
Physical Location:		275 Rodemacher Rd Lena, LA 71447	Phone (Type)	Relationship
Mailing Address:		2030 Donahue Ferry Rd Pineville, LA 71360		
Location of Front Gate:		31° 24' 23" latitude, 92° 43' 19" longitude, Coordinate Method: Interpolation - Map, Coordinate Datum: NAD27		
Related People:	Name	Mailing Address	Phone (Type)	Relationship
	Steve Carter	963 Power Plant Rd Mansfield, LA 71052	Responsible Official for	
	Brent Croom	PO Box 5000 Pineville, LA 713615000	Air Permit Contact For	
	Robin B. McQuillin	PO Box 5000 Pineville, LA 713615000	Emission Inventory Contact for	
	Robin B. McQuillin	PO Box 5000 Pineville, LA 713615000	Emission Inventory Contact for	
	Ricky Nguyen	275 Rodemacher Rd Lena, LA 71447	Radiation Safety Officer for	
	Robert St Romain	275 Rodemacher Rd Lena, LA 71447	Responsible Official for	
Related Organizations:	Name	Address	Phone (Type)	Relationship

General Information

**AI ID:** 2922 **CLECO Rodemacher Power Station**  
**Activity Number:** PER20070004  
**Permit Number:** 2360-00030-V1  
**Air - Title V Regular Permit Major Mod**

Related Organizations:	Name	Address	Phone (Type)	Relationship
CLECO Corp - Environmental Services Dept	Environmental Manager PG06	Pineville, LA 713615000		Air Billing Party for
CLECO Corp - Environmental Services Dept	Environmental Manager PG06	Pineville, LA 713615000		Radialion License Billing Party for
CLECO Corp - Environmental Services Dept	Environmental Manager PG06	Pineville, LA 713615000		Solid Waste Billing Party for
CLECO Corp - Environmental Services Dept	Environmental Manager PG06	Pineville, LA 713615000		Haz. Waste Billing Party for
CLECO Corp - Environmental Services Dept	Environmental Manager PG06	Pineville, LA 713615000		Emission Inventory Billing Party
CLECO Corp - Environmental Services Dept	Environmental Manager PG06	Pineville, LA 713615000		Water Billing Party for
CLECO Power LLC	Attn Environmental Services PG06	Pineville, LA 713615000		Owns
CLECO Power LLC	Attn Environmental Services PG06	Pineville, LA 713615000		Operates

**Note:** This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-3247 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 2922 - CLECO Rodemacher Power Station  
 Activity Number: PER20070004  
 Permit Number: 2360-00030-V1  
 Air - Title V Regular Permit Major Mod

## Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
<b>Entire Facility</b>						
EQT0002	1-72 - Unit 1 Boiler		5004 MM BTU/hr	4170 MM BTU/hr	Natural Gas, Used Fuel Oil, No. 2 Fuel Oil, and No. 6 Fuel Oil	8760 hr/yr (All Year)
EQT0003	1-73 - Package Boiler		106 MM BTU/hr	88 MM BTU/hr	No. 2 fuel oil and natural gas	8760 hr/yr (All Year)
EQT0004	1-74 - Unit 2 Boiler		6534 MM BTU/hr	5445 MM BTU/hr	Coal (Primary), No. 6 Fuel Oil (Startup), and Natural Gas/Propane (Startup)	8760 hr/yr (All Year)
EQT0005	1-96 - Tank 101	5.25 million gallons			Used fuel oil, No.6 fuel oil, and No.2 fuel oil, No. 6 fuel oil, and Used fuel oil	8760 hr/yr (All Year)
EQT0006	2-96 - Tank 102	5.25 million gallons			No. 2 fuel oil, No. 6 fuel oil, and Used fuel oil	8760 hr/yr (All Year)
EQT0007	3-96 - Tank 103	5.25 million gallons			Used fuel oil	8760 hr/yr (All Year)
EQT0008	4-96 - Tank 104	5.25 million gallons			No. 2 fuel oil, No. 6 fuel oil, and Used fuel oil	8760 hr/yr (All Year)
EQT0009	5-96 - Tank 105	5.25 million gallons			No. 2 fuel oil, No. 6 fuel oil, and Used fuel oil	8760 hr/yr (All Year)
EQT0010	6-96 - Tank 106	5.25 million gallons			No. 2 fuel oil, No. 6 fuel oil, and Used fuel oil	8760 hr/yr (All Year)
EQT0011	7-96 - Coal Yard Diesel Tank	15000 gallons			Diesel	8760 hr/yr (All Year)
EQT0012	8-96 - Condensate Drip Tank	3780 gallons			Natural Gas Condensate	8760 hr/yr (All Year)
EQT0013	9-96 - Unit 1 Day Tank	504000 gallons			No. 2 fuel oil, No. 6 fuel oil, and Used fuel oil	8760 hr/yr (All Year)
EQT0014	10-96 - Unit 2 Day Tank	630000 gallons			No. 2 fuel oil, No. 6 fuel oil, and Used fuel oil	8760 hr/yr (All Year)
EQT0015	11-96 - Coal Dust Collection System					7000 hr/yr (All Year)
EQT0016	12-96 - Central Vacuum Cleaning System					500 hr/yr (All Year)
EQT0017	13-96 - Fly Ash Dust Collector					2920 hr/yr (All Year)
EQT0018	18-96 - Package Boiler Tank 1	16800 gallons				8760 hr/yr (All Year)
EQT0019	19-96 - Package Boiler Tank 2	16800 gallons				8760 hr/yr (All Year)
EQT0047	14-96 - Soda Ash Silo		900 tons/yr	900 tons/yr		18 hr/yr (All Year)
FUG0001	15-96A - Bulldozer Emissions (Coal)					2080 hr/yr (All Year)
FUG0002	15-96B - Coal Grading Emissions					6240 hr/yr (All Year)
FUG0003	15-96C - Coal Pile Wind Erosion					2920 hr/yr (All Year)
FUG0004	15-96D - Coal Conveyors		10500 tons/hr	10500 tons/hr		8760 hr/yr (All Year)
FUG0005	15-96E - Car Dumper Emissions		3000 tons/hr	3000 tons/hr		8000 hr/yr (All Year)
FUG0006	16-96 - Fly Ash Loading Emissions		210000 tons/yr	210000 tons/yr		10000 hr/yr (All Year)
FUG0007	17-96 - Fugitive Dust - Roads		2980 vehicle miles traveled/yr	2980 vehicle miles traveled/yr		840 hr/yr (All Year)
FUG0008	15-96F - Coal Stockout Pile Drop		3000 tons/hr	3000 tons/hr		298 hr/yr (All Year)
FUG0009	15-96G - Coal Reclaim Drop Point		1500 tons/hr	1500 tons/hr		1000 hr/yr (All Year)
<b>Stack Information:</b>						
ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet) Temperature (°F)

TPOR0149

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INVENTORIES

A ID: 2922 - CLECO Rodemacher Power Station  
 Activity Number: PER20070004  
 Permit Number: 2360-00030-Y1  
 Air - Title V Regular Permit Major Mod

## Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
<b>Entire Facility</b>							
EQT0002	1-72 - Unit 1 Boiler	86	16,93			196	287
EQT0003	1-73 - Package Boiler	46	24000	3.3		50	344
EQT0004	1-74 - Unit 2 Boiler	119		18		250	307
EQT0005	1-96 - Tank 101			150		43	
EQT0006	2-96 - Tank 102			150		43	
EQT0007	3-96 - Tank 103			150		43	
EQT0008	4-96 - Tank 104			150		43	
EQT0009	5-96 - Tank 105			150		43	
EQT0010	6-96 - Tank 106			150		43	
EQT0011	7-96 - Coal Yard Diesel Tank			10			
EQT0012	8-96 - Condensate Drip Tank			8		10	
EQT0013	9-96 - Unit 1 Day Tank			42		50	
EQT0014	10-96 - Unit 2 Day Tank			48		50	
EQT0015	11-96 - Coal Dust Collection System			78	28000	2.76	268
EQT0016	12-96 - Central Vacuum Cleaning System			159	1300	42	298
EQT0017	13-96 - Fly Ash Dust Collector			.09	34	2.76	188
EQT0018	18-96 - Package Boiler Tank 1				12		20
EQT0019	19-96 - Package Boiler Tank 2				12		20
FUGR006	16-96 - Fly Ash Loading Emissions				25		135

## Relationships:

## Subject Item Groups:

ID	Group Type	Group Description
UNF0001	Unit or Facility Wide	UNF0001 - Cleco Rodemacher Power Station

## Group Membership:

## Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multplier	Units Of Measure
1420	C) Electric Power Gen. (Natural Gas Fired) (Rated Capacity)	445	MW
1410	B) Electric Power Gen. (0.7 percent S or Less in Fuel) (Rated Capacity)	540	MW

INVENTORIES

AI ID: 2922 - CLECO Rodemacher Power Station  
Activity Number: PER20070004  
Permit Number: 2360-00030-V1  
Air - Title V Regular Permit Major Mod

SIC Codes:	4911	Electric services	AI2922
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**EMISSION RATES FOR CRITERIA POLLUTANTS**

AI ID: 2922 - CLECO Rodemacher Power Station

Activity Number: PER2007004

Permit Number: 2360-00030-V1

Air - Title V Regular Permit Major Mod

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
<b>Entire Facility</b>															
EQT 0002 1-72	344.00	412.00	1505.00	1410.00	1692.00	6176.00	204.00	245.00	895.00	3297.00	5292.00	14441.0	30.00	36.00	131.00
EQT 0003 1-73	7.25	8.70	31.80	15.30	18.40	67.10	0.66	0.79	2.89	70.10	84.10	307.10	0.49	0.58	2.12
EQT 0004 1-74	817.00	3000.00	3577.00	1634.00	2723.00	7155.00	545.00	653.00	2385.00	6532.00	7841.00	28612.0	29.40	35.20	129.00
EQT 0005 1-96													0.45	0.45	1.95
EQT 0006 2-96													0.45	0.45	1.95
EQT 0007 3-96													0.45	0.45	1.95
EQT 0008 4-96													0.45	0.45	1.95
EQT 0009 5-96													0.45	0.45	1.95
EQT 0010 6-96													0.45	0.45	1.95
EQT 0011 7-96													0.001	0.001	0.004
EQT 0012 8-96													0.28	0.28	1.24
EQT 0013 9-96													0.20	0.20	0.85
EQT 0014 10-96													0.25	0.25	1.10
EQT 0015 11-96													2.40	2.52	8.40
EQT 0016 12-96													0.08	0.08	0.02
EQT 0017 13-96													1.49	1.56	2.17
EQT 0018 18-96															
EQT 0019 19-96															
EQT 0047 14-96													0.08	0.09	0.001
FUG 0001 15-96A													5.31	5.31	5.52
FUG 0002 15-96B													4.63	4.63	4.81
FUG 0003 15-96C													0.07	565.00	0.31
FUG 0004 15-96D													0.75	4.20	3.00

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 2922 - CLECO Rodemacher Power Station

Activity Number: PER2007004

Permit Number: 2360-00030-V1

Air - Title V Regular Permit Major Mod

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
Entire Facility															
FUG 0005 15-96E							0.08	0.90	0.04						
FUG 0006 16-96							2.25	4.70	0.95						
FUG 0007 17-96							18.59	18.59	2.77						
FUG 0008 15-96F							0.04	0.45	0.02						
FUG 0009 15-96G							0.004	0.045	0.004						

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

Emission rates Notes:

EQT 0004	SO2	Max lb/hr	3 hour averaging period	Which Months: All Year
EQT 0004	NOx	Max lb/hr	3 hour averaging period	Which Months: All Year

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

AI ID: 2922 - CLECO Rodemacher Power Station

Activity Number: PER20070004

Permit Number: 2360-00030-V1

Air - Title V Regular Permit Major Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0002 1-72	1,1,1-Trichloroethane	0.007	0.008	0.031
	2-Methylnaphthalene	< 0.001	< 0.001	< 0.001
	Acetaldehyde	0.030	0.036	0.130
	Antimony (and compounds)	0.158	0.189	0.690
	Arsenic (and compounds)	3.300	3.960	14.454
	Barium (and compounds)	0.404	0.485	1.768
	Benzene	0.009	0.010	0.038
	Beryllium (Table 51.1)	0.001	0.001	0.004
	Cadmium (and compounds)	0.279	0.335	1.222
	Chromium VI (and compounds)	0.007	0.009	0.033
	Cobalt compounds	0.181	0.217	0.791
	Copper (and compounds)	0.694	0.833	3.040
	Dichlorobenzene	0.005	0.006	0.021
	Ethyl benzene	0.002	0.002	0.008
	Formaldehyde	0.990	1.188	4.336
	Hydrochloric acid	10.700	237.60	46.800
	Hydrofluoric acid	0.510	0.612	2.230
	Lead compounds	0.124	19.801	0.542
	Manganese (and compounds)	2.040	2.448	8.935
	Mercury (and compounds)	0.011	0.013	0.047
	Naphthalene	0.390	0.468	1.708
	Nickel (and compounds)	3.200	3.834	14.060
	Phenol	0.072	0.086	0.315
EQT 0003 1-73	Polynuclear Aromatic Hydrocarbons	1.119	1.343	4.901
	Selenium (and compounds)	0.102	0.122	0.445
	Toluene	0.186	0.223	0.815
	Xylene (mixed isomers)	0.003	0.004	0.014
	Zinc (and compounds)	0.873	1.048	3.824
	bis(2-ethylhexyl)phthalate	0.066	0.079	0.289
	n-Hexane	7.359	8.831	32.232
EQT 0003 1-73	1,1,1-Trichloroethane	< 0.001	< 0.001	0.001
	2-Methylnaphthalene	< 0.001	< 0.001	0.001
	Acetaldehyde	0.001	0.001	0.003
	Antimony (and compounds)	0.002	0.003	0.010

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

AI ID: 2922 - CLECO Rodemacher Power Station

Activity Number: PER20070004

Permit Number: 2360-00030-V1

Air - Title V Regular Permit Major Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0003 1-73	Arsenic (and compounds)	0.001	0.002	0.006
	Barium (and compounds)	0.001	0.001	0.004
	Benzene	< 0.001	< 0.001	0.001
	Beryllium (Table 51.1)	< 0.001	< 0.001	0.001
	Cadmium (and compounds)	0.001	0.001	0.003
	Chromium VI (and compounds)	0.022	0.027	0.099
	Cobalt compounds	0.003	0.003	0.012
	Copper (and compounds)	0.001	0.001	0.005
	Dichlorobenzene	< 0.001	< 0.001	0.001
	Ethyl benzene	< 0.001	< 0.001	< 0.001
	Formaldehyde	0.021	0.025	0.092
	Hydrochloric acid	0.209	0.250	0.914
	Hydrofluoric acid	0.010	0.011	0.042
	Lead compounds	0.007	0.008	0.030
	Manganese (and compounds)	0.002	0.002	0.008
	Mercury (and compounds)	< 0.001	< 0.001	0.001
	Naphthalene	0.001	0.001	0.003
	Nickel (and compounds)	0.063	0.075	0.274
	Polynuclear Aromatic Hydrocarbons	0.003	0.003	0.013
EQT 0004 1-74	Selenium (and compounds)	0.002	0.002	0.007
	Toluene	0.004	0.005	0.017
	Xylene (mixed isomers)	< 0.001	< 0.001	< 0.001
	Zinc (and compounds)	0.009	0.011	0.039
	n-Hexane	0.155	0.186	0.680
	1,1,1-Trichloroethane	0.009	0.011	0.040
	1,2-Dibromoethane	< 0.001	< 0.001	0.002
	1,2-Dichloroethane	0.013	0.015	0.056
	2,4-Dinitrotoluene	< 0.001	< 0.001	< 0.001
	2-Methylnaphthalene	< 0.001	< 0.001	0.001

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

AI ID: 2922 - CLECO Rodemacher Power Station

Activity Number: PER20070004

Permit Number: 2360-00030-V1

Air - Title V Regular Permit Major Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0004 1-74	Barium (and compounds)	1.670	2.000	7.290
	Benzene	0.416	0.500	1.823
	Benzyl chloride	0.224	0.269	0.982
	Beryllium (Table 51.1)	0.007	0.008	0.029
	Biphenyl	0.001	0.001	0.002
	Bromoform	0.012	0.015	0.055
	Cadmium (and compounds)	0.057	0.069	0.250
	Carbon disulfide	0.042	0.050	0.182
	Chlorinated Dibenzo-P-Dioxins	< 0.0001	< 0.0001	0.000002
	Chlorobenzene	0.007	0.008	0.031
	Chloroethane	0.013	0.016	0.059
	Chloroform	0.019	0.023	0.083
	Chromium VI (and compounds)	0.025	0.030	0.111
	Cobalt compounds	0.233	0.279	1.020
	Copper (and compounds)	0.894	1.073	3.915
	Cumene	0.002	0.002	0.007
	Cyanide compounds	0.801	0.961	3.506
	Dichlorobenzene	0.006	0.008	0.028
	Dichloromethane	0.093	0.111	0.407
	Dimethyl sulfate	0.015	0.018	0.067
	Ethyl benzene	0.030	0.036	0.132
	Formaldehyde	1.275	1.530	5.585
	Hydrazine	0.054	0.065	0.238
	Hydrochloric acid	384.264	461.117	1683.076
	Hydrofluoric acid	48.033	57.640	210.385
	Isophorone	0.186	0.223	0.813
	Lead compounds	0.134	0.161	0.589
	Manganese (and compounds)	0.286	0.343	1.250
	Mercury (and compounds)	0.076	0.091	0.332
	Methyl Tertiary Butyl Ether	0.011	0.013	0.049
	Methyl bromide	0.051	0.061	0.224
	Methyl chloride	0.170	0.204	0.743
	Methyl ethyl ketone	0.125	0.150	0.547
	Methyl methacrylate	0.006	0.008	0.028

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

AI ID: 2922 - CLECO Rodemacher Power Station

Activity Number: PER20070004

Permit Number: 2360-00030-V1

Air - Title V Regular Permit Major Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0004 1-74	Naphthalene	0.044	0.052	0.191
	Nickel (and compounds)	4.120	4.940	18.000
	Phenol	0.005	0.006	0.022
	Polynuclear Aromatic Hydrocarbons	0.092	0.111	0.405
	Propionaldehyde	0.122	0.146	0.533
	Selenium (and compounds)	0.826	0.991	3.620
	Styrene	0.008	0.010	0.035
	Sulfuric acid	95.997	115.196	420.465
	Tetrachloroethylene	0.014	0.017	0.060
	Toluene	0.240	0.287	1.049
	Vinyl acetate	0.002	0.003	0.011
	Xylene (mixed isomers)	0.012	0.014	0.052
	Zinc (and compounds)	1.124	1.349	4.925
	alpha-Chloroacetophenone	0.002	0.003	0.010
EQT 0015 11-96	bis(2-ethylhexyl)phthalate	0.023	0.028	0.102
	n-Hexane	9.609	11.531	42.087
	Antimony (and compounds)	< 0.001	< 0.001	< 0.001
	Arsenic (and compounds)	< 0.001	< 0.001	< 0.001
	Barium (and compounds)	0.001	0.001	0.005
	Beryllium (Table 51.1)	< 0.001	< 0.001	< 0.001
	Cadmium (and compounds)	< 0.001	< 0.001	< 0.001
	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	< 0.001	< 0.001	< 0.001
	Lead compounds	< 0.001	< 0.001	< 0.001
	Manganese (and compounds)	0.001	0.001	0.002
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	< 0.001	< 0.001
	Selenium (and compounds)	< 0.001	< 0.001	< 0.001
EQT 0016 12-96	Zinc (and compounds)	< 0.001	< 0.001	< 0.001
	Antimony (and compounds)	< 0.001	< 0.001	< 0.001
	Arsenic (and compounds)	< 0.001	< 0.001	< 0.001
	Barium (and compounds)	< 0.001	< 0.001	< 0.001
	Beryllium (Table 51.1)	< 0.001	< 0.001	< 0.001
	Cadmium (and compounds)	< 0.001	< 0.001	< 0.001

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

AI ID: 2922 - CLECO Rodemacher Power Station

Activity Number: PER20070004

Permit Number: 2360-00030-V1

Air - Title V Regular Permit Major Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0016 12-96	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	< 0.001	< 0.001	< 0.001
	Lead compounds	< 0.001	< 0.001	< 0.001
	Manganese (and compounds)	< 0.001	< 0.001	< 0.001
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	< 0.001	< 0.001
	Selenium (and compounds)	< 0.001	< 0.001	< 0.001
	Zinc (and compounds)	< 0.001	< 0.001	< 0.001
EQT 0017 13-96	Antimony (and compounds)	< 0.001	< 0.001	< 0.001
	Arsenic (and compounds)	< 0.001	< 0.001	< 0.001
	Barium (and compounds)	0.014	0.015	0.021
	Beryllium (Table 51.1)	< 0.001	< 0.001	< 0.001
	Cadmium (and compounds)	< 0.001	< 0.001	< 0.001
	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	0.001	0.001	0.001
	Lead compounds	< 0.001	< 0.001	< 0.001
	Manganese (and compounds)	0.003	< 0.003	0.005
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	< 0.001	< 0.001
	Selenium (and compounds)	< 0.001	< 0.001	< 0.001
	Zinc (and compounds)	0.001	0.001	0.001
FUG 0001 15-96A	Antimony (and compounds)	< 0.001	< 0.001	< 0.001
	Arsenic (and compounds)	< 0.001	0.002	< 0.001
	Barium (and compounds)	0.003	0.300	0.003
	Beryllium (Table 51.1)	< 0.001	< 0.001	< 0.001
	Cadmium (and compounds)	< 0.001	0.001	< 0.001
	Cobalt compounds	< 0.001	< 0.004	< 0.001
	Copper (and compounds)	< 0.001	< 0.010	< 0.001
	Lead compounds	< 0.001	0.002	< 0.001
	Manganese (and compounds)	0.001	0.001	0.001
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	< 0.001	< 0.001
	Selenium (and compounds)	< 0.001	< 0.001	< 0.001
	Zinc (and compounds)	< 0.001	< 0.001	< 0.001

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

AI ID: 2922 - CLECO Rodemacher Power Station

Activity Number: PER20070004

Permit Number: 2360-00030-V1

Air - Title V Regular Permit Major Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
FUG 0002 15-96B	Antimony (and compounds)	0.001	< 0.001	< 0.001
	Arsenic (and compounds)	< 0.001	< 0.001	< 0.001
	Barium (and compounds)	< 0.001	< 0.001	0.003
	Beryllium (Table 51.1)	< 0.001	< 0.001	< 0.001
	Cadmium (and compounds)	< 0.001	< 0.001	< 0.001
	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	< 0.001	< 0.001	< 0.001
	Lead compounds	< 0.001	< 0.001	< 0.001
	Manganese (and compounds)	< 0.001	< 0.001	< 0.001
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	< 0.001	< 0.001
	Selenium (and compounds)	< 0.001	< 0.001	< 0.001
	Zinc (and compounds)	< 0.001	< 0.001	< 0.001
FUG 0003 15-96C	Antimony (and compounds)	< 0.001	< 0.001	< 0.001
	Arsenic (and compounds)	< 0.001	0.002	< 0.001
	Barium (and compounds)	< 0.001	0.300	< 0.001
	Beryllium (Table 51.1)	< 0.001	< 0.001	< 0.001
	Cadmium (and compounds)	< 0.001	0.001	< 0.001
	Cobalt compounds	< 0.001	0.004	< 0.001
	Copper (and compounds)	< 0.001	0.010	< 0.001
	Lead compounds	< 0.001	0.002	< 0.001
	Manganese (and compounds)	< 0.001	0.12	< 0.001
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	0.004	< 0.001
	Selenium (and compounds)	< 0.001	0.003	< 0.001
	Zinc (and compounds)	< 0.001	0.01	< 0.001
FUG 0004 15-96D	Antimony (and compounds)	< 0.001	< 0.001	< 0.001
	Arsenic (and compounds)	< 0.001	< 0.001	< 0.001
	Barium (and compounds)	0.003	0.003	0.002
	Beryllium (Table 51.1)	< 0.001	< 0.001	< 0.001
	Cadmium (and compounds)	< 0.001	< 0.001	< 0.001
	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	< 0.001	< 0.001	< 0.001
	Lead compounds	< 0.001	< 0.001	< 0.001

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

AI ID: 2922 - CLECO Rodemacher Power Station

Activity Number: PER20070004

Permit Number: 2360-00030-V1

Air - Title V Regular Permit Major Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
FUG 0004 15-96D	Manganese (and compounds)	0.001	0.001	0.001
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	< 0.001	< 0.001
	Selenium (and compounds)	< 0.001	< 0.001	< 0.001
	Zinc (and compounds)	< 0.001	< 0.001	< 0.001
FUG 0005 15-96E	Antimony (and compounds)	< 0.001	< 0.001	< 0.001
	Arsenic (and compounds)	< 0.001	< 0.001	< 0.001
	Barium (and compounds)	< 0.001	< 0.001	< 0.001
	Beryllium (Table 51.1)	< 0.001	< 0.001	< 0.001
	Cadmium (and compounds)	< 0.001	< 0.001	< 0.001
	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	< 0.001	< 0.001	< 0.001
	Lead compounds	< 0.001	< 0.001	< 0.001
	Manganese (and compounds)	< 0.001	< 0.001	< 0.001
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	< 0.001	< 0.001
	Selenium (and compounds)	< 0.001	< 0.001	< 0.001
FUG 0006 16-96	Zinc (and compounds)	< 0.001	< 0.001	< 0.001
	Antimony (and compounds)	< 0.001	< 0.001	< 0.001
	Arsenic (and compounds)	< 0.001	< 0.001	< 0.001
	Barium (and compounds)	0.02	0.04	0.01
	Beryllium (Table 51.1)	< 0.001	< 0.001	< 0.001
	Cadmium (and compounds)	< 0.001	< 0.001	< 0.001
	Chromium VI (and compounds)	< 0.001	< 0.001	< 0.001
	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	0.001	0.002	< 0.001
	Lead compounds	< 0.001	< 0.001	< 0.001
	Manganese (and compounds)	0.010	0.010	0.002
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	0.001	< 0.001
FUG 0008 15-96F	Selenium (and compounds)	< 0.001	< 0.001	< 0.001
	Zinc (and compounds)	0.001	0.001	< 0.001
	Antimony (and compounds)	< 0.001	< 0.001	< 0.001
	Arsenic (and compounds)	< 0.001	< 0.001	< 0.001

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

AI ID: 2922 - CLECO Rodemacher Power Station

Activity Number: PER20070004

Permit Number: 2360-00030-V1

Air - Title V Regular Permit Major Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
FUG 0008 15-96F	Barium (and compounds)	< 0.001	< 0.001	< 0.001
	Beryllium (Table 51.1)	< 0.001	< 0.001	< 0.001
	Cadmium (and compounds)	< 0.001	< 0.001	< 0.001
	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	< 0.001	< 0.001	< 0.001
	Lead compounds	< 0.001	< 0.001	< 0.001
	Manganese (and compounds)	< 0.001	< 0.001	< 0.001
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	< 0.001	< 0.001
	Selenium (and compounds)	< 0.001	< 0.001	< 0.001
FUG 0009 15-96G	Zinc (and compounds)	0.010	0.010	0.005
	Antimony (and compounds)	< 0.001	< 0.001	< 0.001
	Arsenic (and compounds)	< 0.001	< 0.001	< 0.001
	Barium (and compounds)	< 0.001	< 0.001	< 0.001
	Beryllium (Table 51.1)	< 0.001	< 0.001	< 0.001
	Cadmium (and compounds)	< 0.001	< 0.001	< 0.001
	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	< 0.001	< 0.001	< 0.001
	Lead compounds	< 0.001	< 0.001	< 0.001
	Manganese (and compounds)	< 0.001	< 0.001	< 0.001
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	< 0.001	< 0.001
UNF 0001 UNF0001	Selenium (and compounds)	< 0.001	< 0.001	< 0.001
	Zinc (and compounds)	< 0.001	< 0.001	< 0.001
	1,1,1-Trichloroethane			0.072
	1,2-Dibromoethane			0.002
	1,2-Dichloroethane			0.056
	2,4-Dinitrotoluene			< 0.001
	2-Methylnaphthalene			0.002
	Acetaldehyde			0.932
	Acetophenone			0.021
	Acrolein			0.407
	Antimony (and compounds)			1.589
	Arsenic (and compounds)			15.112

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

AI ID: 2922 - CLECO Rodemacher Power Station

Activity Number: PER20070004

Permit Number: 2360-00030-V1

Air - Title V Regular Permit Major Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
UNF 0001 UNF0001	Barium (and compounds)			9.106
	Benzene			1.862
	Benzyl chloride			0.982
	Beryllium (Table 51.1)			0.034
	Biphenyl			0.002
	Bromoform			0.055
	Cadmium (and compounds)			1.475
	Carbon disulfide			0.182
	Chlorinated Dibenzo-P-Dioxins			0.000002
	Chlorobenzene			0.031
	Chloroethane			0.059
	Chloroform			0.083
	Chromium VI (and compounds)			0.174
	Cobalt compounds			1.823
	Copper (and compounds)			6.961
	Cumene			0.007
	Cyanide compounds			3.506
	Dichlorobenzene			0.050
	Dichloromethane			0.407
	Dimethyl sulfate			0.067
	Ethyl benzene			0.140
	Formaldehyde			10.013
	Hydrazine			0.238
	Hydrochloric acid			1730.790
	Hydrofluoric acid			212.657
	Isophorone			0.813
	Lead compounds			1.161
	Manganese (and compounds)			10.204
	Mercury (and compounds)			0.380
	Methyl Tertiary Butyl Ether			0.049
	Methyl bromide			0.224
	Methyl chloride			0.743
	Methyl ethyl ketone			0.547
	Methyl methacrylate			0.028

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

AI ID: 2922 - CLECO Rodemacher Power Station

Activity Number: PER20070004

Permit Number: 2360-00030-V1

Air - Title V Regular Permit Major Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
UNF 0001 UNF0001	Naphthalene			1.902
	Nickel (and compounds)			32.334
	Phenol			0.337
	Polynuclear Aromatic Hydrocarbons			5.319
	Propionaldehyde			0.533
	Selenium (and compounds)			4.072
	Styrene			0.035
	Sulfuric acid			420.465
	Tetrachloroethylene			0.060
	Toluene			1.881
	Vinyl acetate			0.011
	Xylene (mixed isomers)			0.066
	Zinc (and compounds)			8.794
	alpha-Chloroacetophenone			0.010
	bis(2-ethylhexyl)phthalate			0.391
	n-Hexane			74.99

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

**Emission Rates Notes:**

EQT 0004	Chlorinated Dibenzo-P-Dioxins	Avg lb/hr	Emission limit includes chlorinated dibenzofurans. Which Months: All Year
EQT 0004	Chlorinated Dibenzo-P-Dioxins	Max lb/hr	Emission limit includes chlorinated dibenzofurans.. Which Months: All Year
EQT 0004	Chlorinated Dibenzo-P-Dioxins	Tons/Year	Emission limit includes chlorinated dibenzofurans. Which Months: All Year
UNF 0001	Chlorinated Dibenzo-P-Dioxins	Tons/Year	Emission limit includes chlorinated dibenzofurans. Which Months: All Year

**SPECIFIC REQUIREMENTS****AI ID: 2922 - CLECO Rodemacher Power Station****Activity Number: PER20070004****Permit Number: 2360-00030-V1****Air - Title V Regular Permit Major Mod****EQT0002 1-72 Unit 1 Boiler**

1 [40 CFR 75.10(a)(2)]

To determine NOx emissions, install, certify, operate, and maintain in accordance with all the requirements of 40 CFR 75 a NOx-diluent continuous emission monitoring system (consisting of a NOx pollutant concentration monitor and an O<sub>2</sub> and CO<sub>2</sub> diluent gas monitor) with an automated data acquisition and handling system for measuring and recording NOx concentration (in ppm), O<sub>2</sub> or CO<sub>2</sub> concentration (in percent O<sub>2</sub> or CO<sub>2</sub>), and NOx emission rate (in lb/mmBtu) discharged to the atmosphere, except as provided in 40 CFR 75.12 and 75.17 and subpart E of 40 CFR 75. The owner or operator shall account for total NOx emissions, both NO and NO<sub>2</sub>, either by monitoring for both NO and NO<sub>2</sub> or by monitoring for NO only and adjusting the emissions data to account for NO<sub>2</sub>. [40 CFR 75.10(a)(2)]

2 [40 CFR 75.10(a)(3)]

Determine CO<sub>2</sub> emissions by using one of the options in 40 CFR 75.10(a)(3)(i), (ii), or (iii), except as provided in 40 CFR 75.13 and subpart E of 40 CFR 75. [40 CFR 75.10(a)(3)]

3 [40 CFR 75.10(a)(4)]

Install, certify, operate, and maintain a continuous opacity monitoring system with the automated data acquisition and handling system for measuring and recording the opacity of emissions (in percent opacity) discharged to the atmosphere, except as provided in 40 CFR 75.14 and 75.18. [40 CFR 75.10(a)(4)]

The owner or operator shall ensure that each continuous emission monitoring system meets the equipment, installation, and performance specifications in appendix A to 40 CFR 75; and is maintained according to the quality assurance and quality control procedures in appendix B to 40 CFR 75; NOx emissions in the appropriate units of measurement (i.e. lb/MMBtu for NOx). [40 CFR 75.10(b)]

4 [40 CFR 75.10(b)]

The owner or operator shall determine and record the heat input rate, in units of MMbtu/hr, to each affected unit for every hour any fuel is combusted following the procedures in appendix F to 40 CFR 75. [40 CFR 75.10(c)]

5 [40 CFR 75.10(c)]

The owner or operator shall ensure that all continuous emission and opacity monitoring systems are in operation and monitoring unit emissions or opacity at all times that the affected unit combusts any fuel except as provided in 40 CFR 75.11(e) and during periods of calibration, quality assurance, or preventative maintenance, performed pursuant to 40 CFR 75.21 and appendix B of 40 CFR 75, periods of repair, periods of backups of data from the data acquisition and handling system, or recertification performed pursuant to 40 CFR 75.20. The owner or operator shall also ensure, subject to the aforementioned exceptions, that all continuous opacity monitoring systems are in operation and monitoring opacity during the time following combustion when fans are still operating, unless fan requirements of 40 CFR 75.10(d)(1), (2), and (3), as applicable, are met. [40 CFR 75.10(d)]

The owner or operator shall ensure that each continuous emission monitoring system is capable of accurately measuring, recording, and reporting data, and shall not incur an exceedance of the full scale range, except as provided in sections 2.1.1.5, 2.1.2.5, and 2.1.4.3 of appendix A to 40 CFR 75. [40 CFR 75.10(f)]

6 [40 CFR 75.10(d)]

The owner or operator shall record and the designated representative shall report the hourly, daily, quarterly, and annual information collected under the requirements of 40 CFR 75 as specified in subparts F and G of 40 CFR 75. [40 CFR 75.10(g)] Measure and record SO<sub>2</sub> emissions by providing information satisfactory to the Administrator using the applicable procedures specified in appendix D to 40 CFR 75 for estimating hourly SO<sub>2</sub> mass emissions. [40 CFR 75.11(d)(2)]

7 [40 CFR 75.10(i)]

Each continuous opacity monitoring system shall meet the design, installation, equipment, and performance specifications in Performance Specification 1 in appendix B to 40 CFR 60. [40 CFR 75.14(a)] Comply with the applicable provisions of Subpart C- Operation and Maintenance Requirements, Subpart D - Missing Data Substitution Procedures, Subpart F- Recordkeeping Requirements, and Subpart G- Reporting Requirements.

**SPECIFIC REQUIREMENTS****AI ID: 2922 - CLECO Rodemacher Power Station****Activity Number: PER20070004****Permit Number: 2360-00030-V1****Air - Title V Regular Permit Major Mod****EQT0002 1-72 Unit 1 Boiler**

12 [LAC 33:III.1101.B]

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified

Total suspended particulate <= 0.6 lb/MMBTU of heat input.

Which Months: All Year Statistical Basis: None specified

Sulfur dioxide <= 2000 ppmv at standard conditions.

Which Months: All Year Statistical Basis: Three-hour average

Determine sulfur dioxide in stack gases using the methods in LAC 33:III.1503.D. Table 4. Use these methods for initial compliance determinations and for additional compliance determinations for those facilities not subject to continuous emission monitoring.

As an alternative to continuous monitoring of sulfur dioxide emissions the administrative authority may approve demonstration of compliance by monitoring the fuel hydrogen sulfide content and calculation of sulfur dioxide emissions for sources which burn fuel gas or refinery gas in multiple combustion units or by monitoring input sulfur and calculation of sulfur dioxide emissions for sources which burn or decompose sulfur-containing fuel and/or feedstock. As an alternative to continuous monitoring of sulfur dioxide emissions the administrative authority has approved the use of fuel sulfur monitoring pursuant to the requirements of 40 CFR 75 Appendix D.

Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate compliance with the provisions of LAC 33:III Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

Submit quarterly reports of three-hour excess emissions and prompt reports of emergency occurrences, in accordance with LAC 33:III.927.

Submit report: Due annually, by the 31st of March, in accordance with LAC 33:III.918. Report data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15.

Fuel Oil: Conduct a performance/emissions test: Due within five years, plus or minus 6 months, of when the previous performance test was performed, or within 180 days after the issuance of a permit renewal, whichever comes later. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be at greater than 80% of rated capacity. Test methods and procedures shall be in accordance with New Source Performance Standards, Method 5 - Determination of Particulate Matter Emissions from Stationary Sources; Method 6C - Determination of Sulfur Dioxide Emissions From Stationary Sources (Instrumental Analyzer Procedure); and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods or operate the unit under 80% of rated capacity only with the prior approval of the Office of Environmental Assessment. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. [LAC 33:III.507.H.1.a].

Natural Gas:Conduct a performance/emissions test: Due within 60 days after achieving normal production rate using natural gas. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of maximum permitted capacity. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. [LAC 33:III.507.H.1.a].

13 [LAC 33:III.1313.C]

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified

Total suspended particulate <= 0.6 lb/MMBTU of heat input.

Which Months: All Year Statistical Basis: None specified

Sulfur dioxide <= 2000 ppmv at standard conditions.

Which Months: All Year Statistical Basis: Three-hour average

Determine sulfur dioxide in stack gases using the methods in LAC 33:III.1503.D. Table 4. Use these methods for initial compliance

SPECIFIC REQUIREMENTS

AI ID: 2922 - CLECO Rodemacher Power Station  
 Activity Number: PER20070004  
 Permit Number: 2360-00030-V1  
 Air - Title V Regular Permit Major Mod

EQT0002 1-72 Unit 1 Boiler

- 22 [LAC 33:III.501.C.6] Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing.
- 23 [LAC 33:III.501.C.6] Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services.
- 24 [LAC 33:III.501.C.6] Unit 1 Boiler can operate on natural gas or oil as a fuel source. During startup periods using oil (or conversion to oil), it takes several hours for the unit to begin operating efficiently. Therefore, to define compliance with emission limits, emissions during the first 12-hours of the startup period when burning oil will be averaged over that 12-hour period.
- 25 [LAC 33:III.505] An allowance shall not be deducted, in order to comply with the requirements under 40 CFR 72.9(c)(1)(i), prior to the calendar year for which the allowance was allocated. [LAC 33:III.505, 40 CFR 72.9(c)(5)]
- 26 [LAC 33:III.505] Comply with the monitoring requirements as provided in 40 CFR 75. [LAC 33:III.505, 40 CFR 72.9(b)]
- 27 [LAC 33:III.505] Comply with the permit requirements of 72.9(a), the monitoring requirements of 72.9(b), the sulfur dioxide requirements of 72.9(c), the excess emissions requirements of 72.9(e), and the recordkeeping and reporting requirements of 72.9(f). [40 CFR 72, LAC 33:III.505]
- 28 [LAC 33:III.505] Keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the Administrator or permitting authority. [ ]
- 1.) The certificate of representation for the designated representative for the source and each affected unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with 40 72.24, provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative. [ ]
  - 2.) All emissions monitoring information, in accordance with 40 CFR 75, provided that to the extent that part 75 provides for a 3-year period for recordkeeping, the 3-year period shall apply. [ ]
  - 3.) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program.]
  - 4.) Copies of all documents used to complete an Acid Rain permit application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program. [LAC 33:III.505, 40 CFR 72.9(f)(1)]
- 29 [LAC 33:III.505] Operate the unit in compliance with a complete Acid Rain permit application or a superseding Acid Rain permit issued by the permitting authority, and have an Acid Rain permit. [LAC 33:III.505, 40 CFR 72.9(a)(2)]
- 30 [LAC 33:III.505] The designated representative of an affected unit that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR 77. [LAC 33:III.505, 40 CFR 72.9(e)(1)]
- 31 [LAC 33:III.505] The designated representative shall submit a complete Acid Rain permit application (including a compliance plan) in accordance with the deadlines specified in 40 CFR 72.30, a complete reduced utilization plan if required under 40 CFR 72.43, and any supplemental information that the permitting authority determines is necessary in order to review an Acid Rain permit application and issue or deny an Acid Rain permit. [LAC 33:III.505, 40 CFR 72.9(a)(1)]
- 32 [LAC 33:III.505] The designated representative shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR 75 and Subpart I of 40 CFR 72. [LAC 33:III.505, 40 CFR 72.9(f)(2)]
- 33 [LAC 33:III.505] The owners and operators of an affected unit that has excess emissions in any calendar year shall pay without demand the penalty required, and pay upon demand the interest on that penalty, as required by 40 CFR 77, and comply with the terms of an approved offset plan, as required by 40 CFR 77. [LAC 33:III.505, 40 CFR 72.9(e)(2)]

**SPECIFIC REQUIREMENTS****AI ID: 2922 - CLECO Rodemacher Power Station****Activity Number: PER20070004****Permit Number: 2360-000030-V1****Air - Title V Regular Permit Major Mod****EQT0002 1-72 Unit 1 Boiler**

34 [LAC 33:III.505]

The owners and operators shall hold allowances, as of the allowance transfer deadline, in the unit's compliance subaccount (after deductions under 40 CFR 73.34(c)) not less than the total annual emissions of sulfur dioxide for the previous calendar year from the unit and comply with the applicable Acid Rain emissions limitation for sulfur dioxide. [LAC 33:III.505, 40 CFR 72.9(c)(1)]

**EQT0003 1-73 Package Boiler**

35 [LAC 33:III.1101.B]

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified

Total suspended particulate &lt;= 0.6 lb/MMBTU of heat input.

Which Months: All Year Statistical Basis: None specified

Sulfur dioxide &lt;= 2000 ppmv at standard conditions.

Which Months: All Year Statistical Basis: Three-hour average

Determine sulfur dioxide in stack gases using the methods in LAC 33:III.1503.D. Table 4. Use these methods for initial compliance determinations and for additional compliance determinations for those facilities not subject to continuous emission monitoring.

As an alternative to continuous monitoring of sulfur dioxide emissions the administrative authority may approve demonstration of compliance by monitoring the fuel hydrogen sulfide content and calculation of sulfur dioxide emissions for sources which burn fuel gas or refinery gas in multiple combustion units or by monitoring input sulfur and calculation of sulfur dioxide emissions for sources which burn or decompose sulfur-containing fuel and/or feedstock. As an alternative to continuous monitoring of sulfur dioxide emissions the administrative authority has approved the use of fuel sulfur monitoring pursuant to the requirements of 40 CFR 75 Appendix D.

Submit quarterly reports of three-hour excess emissions and prompt reports of emergency occurrences, in accordance with LAC 33:III.927.

Submit report, due annually, by the 31st of March, in accordance with LAC 33:III.918. Report data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15.

**EQT0004 1-74 Unit 2 Boiler**

42 [40 CFR 60.42(a)(1)]

Particulate matter (10 microns or less) &lt;= 0.10 lb/MMBTU (43 nanograms per joule) heat input derived from fossil fuel or fossil fuel and wood residue. Subpart D. [40 CFR 60.42(a)(1)]

Which Months: All Year Statistical Basis: None specified

Opacity &lt;= 20 percent except for one six-minute period per hour of not more than 27 percent opacity. Subpart D. [40 CFR 60.42(a)(2)]

Which Months: All Year Statistical Basis: Six-minute average

Sulfur dioxide <= 0.80 lb/MMBTU derived from liquid fossil fuel or liquid fossil fuel and wood residue or <= 1.2 lb/MMBTU derived from solid fossil fuel or solid fossil fuel and wood residue. Subpart D.

Which Months: All Year Statistical Basis: Three-hour average

Nitrogen oxides &lt;= 0.20 lb/MMBTU for gaseous fossil fuel, &lt;=0.70 lb/MMBTU for solid fossil fuel, and &lt;=0.30 for liquid fossil fuel. Subpart D.

Which Months: All Year Statistical Basis: Three-hour average

**SPECIFIC REQUIREMENTS**

AI ID: 2922 - CLECO Rodemacher Power Station  
 Activity Number: PER20070004  
 Permit Number: 2360-00030-V1  
 Air - Title V Regular Permit Major Mod

**EQT0004 1-74 Unit 2 Boiler**

- 46 [40 CFR 60.45(c)] Use the procedures in [40 CFR 60.45(c)(1) through (c)(5) for performance evaluations under 40 CFR 60.13(c) and calibration checks under 40 CFR 60.13(d). Subpart D. [40 CFR 60.45(c)]
- 47 [40 CFR 60.45(g)] Submit excess emission and monitoring system performance reports: Due semiannually for each six-month period in the calendar year. Postmark all semiannual reports by the 30th day following the end of each six-month period. Include the information required in 40 CFR 60.7(c). Subpart D. [40 CFR 60.45(g)]
- 48 [40 CFR 60.45] Nitrogen oxides monitored by continuous emission monitor (CEM) continuously, except as provided in 40 CFR 60.45(b). Convert the data to the units of the applicable standard as specified in 40 CFR 60.45(e) and (f). Subpart D.
- 49 [40 CFR 60.45] Which Months: All Year Statistical Basis: None specified Opacity monitored by continuous emission monitor (CEM) continuously, except as provided in 40 CFR 60.45(b). Convert the data to the units of the applicable standard as specified in 40 CFR 60.45(e) and (f). Subpart D.
- 50 [40 CFR 60.45] Which Months: All Year Statistical Basis: None specified Oxygen or Carbon dioxide, monitored by continuous emission monitor (CEM) continuously, except as provided in 40 CFR 60.45(b). Convert the data to the units of the applicable standard as specified in 40 CFR 60.45(e) and (f). Subpart D.
- 51 [40 CFR 60.46(a)] Conduct the performance tests required in 40 CFR 60.8 using as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.46, except as provided in 40 CFR 60.8(b). Subpart D. This test has been completed.
- 52 [40 CFR 72.9(c)(5)] An allowance shall not be deducted, in order to comply with the requirements under 40 CFR 72.9(c)(1)(i), prior to the calendar year for which the allowance was allocated. [40 CFR 72.9(c)(5), LAC 33:III.505]
- 53 [40 CFR 75.10(a)(1)] To determine SO<sub>2</sub> emissions, install, certify, operate, and maintain in accordance with all the requirements of 40 CFR 75 a SO<sub>2</sub> continuous emission monitoring system and a flow monitoring system with an automated data acquisition and handling system for measuring and recording SO<sub>2</sub> concentration (in ppm), volumetric gas flow (in scfh), and SO<sub>2</sub> mass emissions (in lb/hr) discharged to the atmosphere, except as provided in 40 CFR 75.11 and 75.16 and subpart E of 40 CFR 75. [40 CFR 75.10(a)(1)]
- 54 [40 CFR 75.10(a)(2)] To determine NOx emissions, install, certify, operate, and maintain in accordance with all the requirements of 40 CFR 75 a NOx-diluent continuous emission monitoring system (consisting of a NOx pollutant concentration monitor and an O<sub>2</sub> or CO<sub>2</sub> diluent gas monitor) with an automated data acquisition and handling system for measuring and recording NO<sub>x</sub> concentration (in ppm), O<sub>2</sub> or CO<sub>2</sub> concentration (in percent O<sub>2</sub> or CO<sub>2</sub>), and NOx emission rate (in lb/mmBtu) discharged to the atmosphere, except as provided in 40 CFR 75.12 and 75.17 and subpart E of 40 CFR 75. The owner or operator shall account for total NOx emissions, both NO and NO<sub>2</sub>, either by monitoring for both NO and NO<sub>2</sub> or by monitoring for NO only and adjusting the emissions data to account for NO<sub>2</sub>. [40 CFR 75.10(a)(2)]
- 55 [40 CFR 75.10(a)(3)] Determine CO<sub>2</sub> emissions by using one of the options in 40 CFR 75.10(a)(3)(i), (ii), or (iii), except as provided in 40 CFR 75.13 and subpart E of 40 CFR 75. [40 CFR 75.10(a)(3)]
- 56 [40 CFR 75.10(a)(4)] Install, certify, operate, and maintain a continuous opacity monitoring system with the automated data acquisition and handling system for measuring and recording the opacity of emissions (in percent opacity) discharged to the atmosphere, except as provided in 40 CFR 75.14 and 75.18. [40 CFR 75.10(a)(4)]
- 57 [40 CFR 75.10(b)] The owner or operator shall ensure that each continuous emission monitoring system meets the equipment, installation, and performance specifications in appendix A to 40 CFR 75; and is maintained according to the quality assurance and quality control procedures in appendix B to 40 CFR 75; and shall record SO<sub>2</sub> and NO<sub>x</sub> emissions in the appropriate units of measurement (i.e., lb/hr for SO<sub>2</sub> and lb/MMBtu for NO<sub>x</sub>). [40 CFR 75.10(b)]

**SPECIFIC REQUIREMENTS**

AI ID: 2922 - CLECO Rodemacher Power Station  
 Activity Number: PER20070004  
 Permit Number: 2360-00030-V1  
 Air - Title V Regular Permit Major Mod

**EQT0004 1-74 Unit 2 Boiler**

- 58 [40 CFR 75.10(c)]
- 59 [40 CFR 75.10(d)]
- 60 [40 CFR 75.10(i)]
- 61 [40 CFR 75.10(g)]
- 62 [40 CFR 75.14(a)]
- 63 [40 CFR 75.]
- 64 [40 CFR 76.13]
- 65 [40 CFR 76.5(a)(2)]
- 66 [40 CFR 76.7(a)(2)]
- 67 [40 CFR 76.9(a)]
- 68 [40 CFR 76.9(d)]
- 69 [40 CFR 76.]
- 70 [LAC 33:III.1101.B]
- 71 [LAC 33:III.1313.C]

The owner or operator shall determine and record the heat input rate, in units of MMBtu/hr, to each affected unit for every hour or part of an hour any fuel is combusted following the procedures in appendix F to 40 CFR 75. [40 CFR 75.10(c)] The owner or operator shall ensure that all continuous emission and opacity monitoring systems are in operation and monitoring unit emissions or opacity at all times that the affected unit combusts any fuel except as provided in 40 CFR 75.11(e) and during periods of calibration, quality assurance, or preventative maintenance, performed pursuant to 40 CFR 75.21 and appendix B of 40 CFR 75, periods of repair, periods of backups of data from the data acquisition and handling system, or recertification performed pursuant to 40 CFR 75.20. The owner or operator shall also ensure, subject to the aforementioned exceptions, that all continuous opacity monitoring systems are in operation and monitoring opacity during the time following combustion when fans are still operating, unless fan operation is not required to be included under any other applicable Federal or State regulation, or permit. The owner or operator shall ensure that the requirements of 40 CFR 75.10(d)(1), (2), and (3), as applicable, are met. [40 CFR 75.10(d)] The owner or operator shall ensure that each continuous emission monitoring system is capable of accurately measuring, recording, and reporting data, and shall not incur an exceedance of the full scale range, except as provided in sections 2.1.1.5, 2.1.2.5, and 2.1.4.3 of appendix A to 40 CFR 75. [40 CFR 75.10(f)] The owner or operator shall record and the designated representative shall report the hourly, daily, quarterly, and annual information collected under the requirements of 40 CFR 75 as specified in subparts F and G of 40 CFR 75. [40 CFR 75.10(g)] Each continuous opacity monitoring system shall meet the design, installation, equipment, and performance specifications in Performance Specification 1 in appendix B to 40 CFR 60. [40 CFR 75.14(a)] Comply with the applicable provisions of Subpart C-Operation and Maintenance Requirements, Subpart D- Missing Data Substitution Procedures, Subpart F-Recordkeeping Requirements, and Subpart G-Reporting Requirements. Excess emissions of NOx under 40 CFR 77.6 shall be calculated in accordance with 40 CFR 76.13. Prior to January 1, 2008, do not discharge, or allow to be discharged, emissions of NOx to the atmosphere in excess of 0.50 lb/MMBTu of heat input on an average annual basis. [40 CFR 76.5(a)(2)] On and after January 1, 2008, do not discharge, or allow to be discharged, emissions of NOx to the atmosphere in excess of 0.46 lb/MMBTu of heat input on an average annual basis. [40 CFR 76.7(a)(2)] The designated representative shall submit, by the applicable deadline under 40 CFR 76.9(b), a complete Acid Rain permit application (or, if the unit is covered by an Acid Rain permit, a complete permit revision) that includes a complete compliance plan for NOx emissions covering the unit. [40 CFR 76.9(a)] The designated representative shall submit a complete Acid Rain permit application, including a complete compliance plan for NOx emissions covering the unit, in accordance with the deadlines in 40 CFR 72.30(c). [40 CFR 76.9(d)] Determine the annual average NOx emission rate, in lb/MMBTu, using the methods and procedures specified in 40 CFR 75. Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified Total suspended particulate <= 0.6 lb/MMBTU of heat input. Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 2922 - CLECO Rodemacher Power Station

Activity Number: PER20070004

Permit Number: 2360-00030-V1

Air - Title V Regular Permit Major Mod

EQT0004 1-74 Unit 2 Boiler

- 72 [LAC 33:III.1503.C] Sulfur dioxide <= 2000 ppmv at standard conditions.  
Which Months: All Year Statistical Basis: Three-hour average  
Determine sulfur dioxide in stack gases using the methods in LAC 33:III.1503.D. Table 4. Use these methods for initial compliance determinations and for additional compliance determinations for those facilities not subject to continuous emission monitoring.
- 73 [LAC 33:III.1503.D.1] Sulfur dioxide monitored by continuous emission monitor (CEM) continuously. Ensure that the measurement system is certified according to Performance Specification 2 of 40 CFR 60, Appendix B, and quality assured by the procedures in 40 CFR 60, Appendix F.
- 74 [LAC 33:III.1511.A] Which Months: All Year Statistical Basis: None specified  
Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate compliance with the provisions of LAC 33:III. Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
- 75 [LAC 33:III.1513] Submit quarterly reports of three-hour excess emissions and prompt reports of emergency occurrences, in accordance with LAC 33:III.927.  
Submit report: Due annually, by the 31st of March, in accordance with LAC 33:III.918. Report data required to demonstrate compliance with the provisions of LAC 33:III. Chapter 15.
- 76 [LAC 33:III.1513] Coal: Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shutdown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of maximum permitted capacity. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 10 - Determination of Carbon Monoxide Emissions.
- 77 [LAC 33:III.1513] For Unit 2 boiler, periods of startup and shutdown are defined as times when the unit is below 200 megawatts (a 523 megawatt system). Due to operational variability during startup and shutdown periods emissions are not considered in excess of permitted levels for all monitored pollutants while operating in startup and/or shutdown mode, (NOx, SC2, and opacity) but these emissions should be included in the quarterly excess emissions report. (December 7, 1994 letter from LDEQ).
- 78 [LAC 33:III.501.C.6] Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division; Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing.
- 79 [LAC 33:III.501.C.6] Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services.  
An allowance shall not be deducted, in order to comply with the requirements under 40 CFR 72.9(c)(1)(i), prior to the calendar year for which the allowance was allocated
- 80 [LAC 33:III.501.C.6]  [LAC 33:III.505, 40 CFR 72.9(c)(5)]  
Comply with the applicable Acid Rain emissions limitation for nitrogen oxides. [LAC 33:III.505, 40 CFR 72.9(d)]
- 81 [LAC 33:III.501.C.6] Comply with the monitoring requirements as provided in 40 CFR 75. [LAC 33:III.505, 40 CFR 72.9(b)]
- 82 [LAC 33:III.505]
- 83 [LAC 33:III.505]
- 84 [LAC 33:III.505]

**SPECIFIC REQUIREMENTS**

**A1 ID: 2922 - CLECO Rodemacher Power Station**  
**Activity Number: PER20070004**  
**Permit Number: 2360-00030-V1**  
**Air - Title V Regular Permit Major Mod**

**EQT0004\_1-74 Unit 2 Boiler**

85 [LAC 33:III.505]

Keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the Administrator or permitting authority.

1.) The certificate of representation for the designated representative for the source and each affected unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with 40 CFR 72.24, provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative.

2.) All emissions monitoring information, in accordance with 40 CFR 75, provided that to the extent that part 75 provides for a 3-year period for recordkeeping, the 3-year period shall apply.

3.) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program. A

4.) Copies of all documents used to complete an Acid Rain permit application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program. [LAC 33:III.505, 40 CFR 72.9(f)(1)]

Operate the unit in compliance with a complete Acid Rain permit application or a superseding Acid Rain permit issued by the permitting authority, and have an Acid Rain Permit. [LAC 33:III.505, 40 CFR 72.9(a)(2)]

The designated representative of an affected unit that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR 77. [LAC 33:III.505, 40 CFR 72.9(e)(1)]  
The designated representative shall submit a complete Acid Rain permit application (including a compliance plan) in accordance with the deadlines specified in 40 CFR 72.30, a complete reduced utilization plan if required under 40 CFR 72.43, and any supplemental information that the permitting authority determines is necessary in order to review an Acid Rain permit application and issue or deny an Acid Rain permit. [LAC 33:III.505, 40 CFR 72.9(a)(1)]

The designated representative shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR 75 and Subpart I of 40 CFR 72. [LAC 33:III.505, 40 CFR 72.9(f)(2)]  
The owners and operators of an affected unit that has excess emissions in any calendar year shall pay without demand the penalty required, and pay upon demand the interest on that penalty, as required by 40 CFR 77, and comply with the terms of an approved offset plan, as required by 40 CFR 77. [LAC 33:III.505, 40 CFR 72.9(e)(2)]

The owners and operators shall hold allowances, as of the allowance transfer deadline, in the unit's compliance subaccount (after deductions under 40 CFR 73.34(c)) not less than the total annual emissions of sulfur dioxide for the previous calendar year from the unit and comply with the applicable Acid Rain emissions limitation for sulfur dioxide. [LAC 33:III.505, 40 CFR 72.9(c)(1)]  
Best Achievable Control Technology (BACT) for CO emissions shall be good combustion practices utilizing the following: (1) Low-NO<sub>x</sub> burners that provide improved flame stability and turndown capability (2) Coal flow balancing (3) An over-fire air (OFA) system that does not deep stage the boiler (4) Air delivery system modifications including appropriate turning vanes, perforated plates, baffles and dampers, including electric actuators for each OFA port, and control dampers to optimize flow to the burners and OFA system (4) Adequate residence time between the OFA and furnace exit to allow continued CO burnout.

Carbon monoxide <= 0.15 lb/MMBTU.  
Which Months: Phases: Statistical Basis: Annual average

**EQT0015\_11-96 Coal Dust Collection System**

**SPECIFIC REQUIREMENTS****AIR ID: 2922 - CLECO Rodemacher Power Station****Activity Number: PER20070004****Permit Number: 2360-00030-V1****Air - Title V Regular Permit Major Mod****EQT0015 11-96 Coal Dust Collection System**

- 94 [40 CFR 60.252(c)] Opacity <= 20 percent. Subpart Y. [40 CFR 60.252(c)]  
Which Months: All Year Statistical Basis: None specified  
Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.254 in conducting the performance tests required in 40 CFR 60.8, except as provided in 40 CFR 60.8(b). Subpart Y. [40 CFR 60.254(a)]  
Determine compliance with particular matter standards in 40 CFR 60.252 using the test methods specified in 40 CFR 60.254(b)(1) or (b)(2).  
Subpart Y. [40 CFR 60.254(b)]  
Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.  
Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.  
Which Months: All Year Statistical Basis: Six-minute average  
Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months technically sound method including visual inspection of the bag or whenever visual checks indicate maintenance may be necessary. Change elements as necessary.  
Which Months: All Year Statistical Basis: None specified  
Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.  
Filter vents: Visible emissions monitored by visual inspection/determination weekly. A method 9 trained observer is not required.  
Which Months: All Year Statistical Basis: None specified  
Filter vents: Visible emissions recordkeeping by electronic or hard copy weekly. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.  
Particulate matter (10 microns or less) >= 99 % removal efficiency.  
Which Months: All Year Statistical Basis: None specified

**EQT0016 12-96 Central Vacuum Cleaning System**

- 104 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.  
Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.  
Which Months: All Year Statistical Basis: Six-minute average  
Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months technically sound method including visual inspection of the bag or whenever visual checks indicate maintenance may be necessary. Change elements as necessary.  
Which Months: All Year Statistical Basis: None specified  
Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.  
Filter vents: Visible emissions monitored by visual inspection/determination weekly. A method 9 trained observer is not required.  
Which Months: All Year Statistical Basis: None specified

**SPECIFIC REQUIREMENTS****AI ID: 2922 - CLECO Rodemacher Power Station****Activity Number: PER20070004****Permit Number: 2360-00030-V1****Air - Title V Regular Permit Major Mod****EQT0016 12-96 Central Vacuum Cleaning System**

109 [LAC 33:III.501.C.6]

Filter vents: Visible emissions recordkeeping by electronic or hard copy weekly. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

110 [LAC 33:III.501.C.6]

Particulate matter (10 microns or less)  $\geq 0.99\%$  removal efficiency.

Which Months: All Year Statistical Basis: None specified

**EQT0017 13-96 Fly Ash Dust Collector**

111 [LAC 33:III.1305]

Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.

Opacity  $\leq 20$  percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average

Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months technically sound method including visual inspection of the bag or whenever visual checks indicate maintenance may be necessary. Change elements as necessary.

Which Months: All Year Statistical Basis: None specified

Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

112 [LAC 33:III.1311.C]

Filter vents: Visible emissions monitored by visual inspection/determination weekly. A method 9 trained observer is not required.

Which Months: All Year Statistical Basis: None specified

113 [LAC 33:III.501.C.6]

Filter vents: Visible emissions recordkeeping by electronic or hard copy weekly. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

Which Months: All Year Statistical Basis: None specified

114 [LAC 33:III.501.C.6]

Particulate matter (10 microns or less)  $\geq 0.99\%$  removal efficiency.

Which Months: All Year Statistical Basis: None specified

115 [LAC 33:III.501.C.6]

Filter vents: Visible emissions monitored by visual inspection/determination weekly. A method 9 trained observer is not required.

Which Months: All Year Statistical Basis: None specified

116 [LAC 33:III.501.C.6]

Filter vents: Visible emissions recordkeeping by electronic or hard copy weekly. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

117 [LAC 33:III.501.C.6]

Particulate matter (10 microns or less)  $\geq 0.99\%$  removal efficiency.

Which Months: All Year Statistical Basis: None specified

**EQT0047 14-96 Soda Ash Silo**

118 [LAC 33:III.1311.C]

Opacity  $\leq 20$  percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average

**FUG0001 15-96A Bulldozer Emissions (Coal)**

119 [LAC 33:III.1305]

Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.

**FUG0002 15-96B Coal Grading Emissions**

120 [40 CFR 60.252(c)]

Opacity  $\leq 20$  percent. Subpart Y [40 CFR 60.252(c)]

Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 2922 - CLECO Rodemacher Power Station  
 Activity Number: PER20070004  
 Permit Number: 2360-00030-V1  
 Air - Title V Regular Permit Major Mod

FUG0002 15-96B Coal Grading Emissions

121 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.

FUG0003 15-96C Coal Pile Wind Erosion

122 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.

FUG0004 15-96D Coal Conveyors

- 123 [40 CFR 60.252(c)] Opacity <= 20 percent. Subpart Y. [40 CFR 60.252(c)]  
 Which Months: All Year Statistical Basis: None specified  
 Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.254 in conducting the performance tests required in 40 CFR 60.8, except as provided in 40 CFR 60.254(a). Determine compliance with particular matter standards in 40 CFR 60.252 using the test methods specified in 40 CFR 60.254(b)(1) or (b)(2). Subpart Y. [40 CFR 60.254(b)]  
 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.  
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.  
 Which Months: All Year Statistical Basis: Six-minute average

FUG0005 15-96E Car Dumper Emissions

- 128 [40 CFR 60.252(c)] Opacity <= 20 percent. Subpart Y. [40 CFR 60.252(c)]  
 Which Months: All Year Statistical Basis: None specified  
 Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.254 in conducting the performance tests required in 40 CFR 60.8, except as provided in 40 CFR 60.254(a). Determine compliance with particular matter standards in 40 CFR 60.252 using the test methods specified in 40 CFR 60.254(b)(1) or (b)(2). Subpart Y. [40 CFR 60.254(b)]  
 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.  
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.  
 Which Months: All Year Statistical Basis: Six-minute average

FUG0006 16-96 Fly Ash Loading Emissions

**SPECIFIC REQUIREMENTS**

AI ID: 2922 - CLECO Rodemacher Power Station  
 Activity Number: PER20070004  
 Permit Number: 2360-00030-V1  
 Air - Title V Regular Permit Major Mod

**FUG0006 16-96 Fly Ash Loading Emissions**

- 133 [LAC 33:III.1305]  
 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.  
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
- 134 [LAC 33:III.1311.C]  
 Which Months: All Year Statistical Basis: Six-minute average
- Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months technically sound method including visual inspection of the bag or whenever visual checks indicate maintenance may be necessary. Change elements as necessary.
- 135 [LAC 33:III.501.C.6]  
 Which Months: All Year Statistical Basis: None specified
- Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- 136 [LAC 33:III.501.C.6]  
 Filter vents: Visible emissions monitored by visual inspection/determination weekly. A method 9 trained observer is not required.
- 137 [LAC 33:III.501.C.6]  
 Which Months: All Year Statistical Basis: None specified
- Filter vents: Visible emissions recordkeeping by electronic or hard copy weekly. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- 138 [LAC 33:III.501.C.6]  
 Particulate matter (10 microns or less) >= 99 % removal efficiency.
- 139 [LAC 33:III.501.C.6]  
 Which Months: All Year Statistical Basis: None specified

**FUG0007 17-96 Fugitive Dust - Roads**

- 140 [LAC 33:III.1305]  
 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.

**FUG0008 15-96F Coal Stockout Pile Drop**

- 141 [LAC 33:III.1305]  
 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.  
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- 142 [LAC 33:III.1311.C]  
 Which Months: All Year Statistical Basis: Six-minute average

**FUG0009 15-96G Coal Reclaim Drop Point**

- 143 [LAC 33:III.1305]  
 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.  
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- 144 [LAC 33:III.1311.C]  
 Which Months: All Year Statistical Basis: Six-minute average

**SPECIFIC REQUIREMENTS****AIR ID: 2922 - CLECO Rodemacher Power Station****Activity Number: PER20070004****Permit Number: 2360-00030-V1****Air - Title V Regular Permit Major Mod****UNF0001 Entire Facility**

- 145 [40 CFR 60.11(d)] At all times, including periods of startup, shutdown, and malfunction, maintain and operate to the extent practicable any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions.
- Subpart A. [40 CFR 60.11(d)]
- Do not build, erect, install, or use any article, machine, equipment, or process, the use of which conceals an emission that would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere. Subpart A.
- All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.
- Provide DEQ with written notice of intention to demolish or renovate prior to performing activities to which 40 CFR 61 Subpart M applies.
- Delivery of the notice by U.S. Postal Service, commercial delivery service, or hand delivery is acceptable. Subpart M. [40 CFR 61.145(b)(1)]
- Do not install or reinstall on a facility component any insulating materials that contain commercial asbestos if the materials are either molded and friable or wet-applied and friable after drying. Subpart M.
- All affected facilities shall comply with all applicable provisions in 40 CFR 61 Subpart A.
- Submit Title V permit application for renewal: Due 180 calendar days before permit expiration date. [40 CFR 70.5(a)(1)(iii)]
- Submit Title V monitoring results report: Due semiannually, by March 31 and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]
- Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [40 CFR 70.6(a)(3)(iii)(B)]
- Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]
- Rodemacher Power Station shall secure one allowance for each ton of SO<sub>2</sub> emitted per year. At the end of the year, each used allowance is retired and cannot be used again. EPA will record allowance transfers that are used for compliance and ensure that Rodemacher Power Station's emissions do not exceed the number of allowances it holds via the Allowance Tracking System (ATS). See Subparts C & D of part 73. [40 CFR 72.9(c)(1)(i)]
- Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.
- Outdoor burning of waste material or other combustible material is prohibited.
- Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.

**SPECIFIC REQUIREMENTS****AI ID: 2922 - CLECO Rodemacher Power Station****Activity Number: PER20070004****Permit Number: 2360-00030-V1****Air - Title V Regular Permit Major Mod****UNF001 Entire Facility**

- 159 [LAC 33:III.2113.A] Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
- Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
- 160 [LAC 33:III.219] Comply with the requirements of PSD-LA-728. This permit includes provisions of the Prevention of Significant Deterioration (PSD) review from Permit PSD-LA-728.
- An individual or company contracted to perform a demolition or renovation activity which disturbs RACM must be recognized by the Licensing Board for Contractors to perform asbestos abatement, and shall meet the requirements of LAC 33:III.5151.F.2 and F.3 for each demolition or renovation activity.
- Activate the preplanned abatement strategy listed in LAC 33:III.5611.Table 5 when the administrative authority declares an Air Pollution Alert.
- 161 [LAC 33:III.509] Activate the preplanned strategy listed in LAC 33:III.5611.Table 6 when the administrative authority declares an Air Pollution Warning.
- 162 [LAC 33:III.5151.F.1.f] Activate the preplanned abatement strategy listed in LAC 33:III.5611.Table 7 when the administrative authority declares an Air Pollution Emergency.
- 163 [LAC 33:III.5609.A.1.b] Prepare standby plans for the reduction of emissions during periods of Air Pollution Alert, Air Pollution Warning and Air Pollution Emergency.
- 164 [LAC 33:III.5609.A.2.b] Design standby plans to reduce or eliminate emissions in accordance with the objectives as set forth in LAC 33:III.5611.Tables 5, 6, and 7.
- 165 [LAC 33:III.5609.A.3.b] Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority.
- 166 [LAC 33:III.5609.A] Install air pollution control facilities whenever practically, economically, and technologically feasible. When facilities have been installed on a property, use them and diligently maintain them in proper working order whenever any emissions are being made which can be controlled by the facilities, even though the ambient air quality standards in affected areas are not exceeded.
- 167 [LAC 33:III.5611.A] Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment, Air Quality Assessment Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.
- 168 [LAC 33:III.905]
- 169 [LAC 33:III.919.D]